ARTICLE INDEX

FEATURE ARTICLES

	ISSUE	PAGES
The Development of Vibration Analysis Using Contact Transducers Applied to Periodic Machine Condition Monitoring R.A. Thomas	1	8-13
Diagnosis of the Bearing Failure in a Pilger Mill J.K. Sinha, S.K. Sinha, and R.I.K. Moorthy	2	11-14
Motorized Spindle Vibration A.F. Akinkuotu, P.E.	3	11-20
Torsional Vibration Measurements on a Diesel Engine and Dynamometer E.C. Eichelberger	4	8-14
Complete Vibration-Diagnostic Condition Monitoring for a Powerful Turbogenerator G. Gurevich	5	8-11
Slow-Speed Balancing of a 310 MW LP Turbine Saves $250,000 G. Walker	6	8-11

TECHNICAL ARTICLES

Misalignment and Vibration G. Gurevich	2	15-17
Dynamic Response of Transmission Housings V. Ramamurti	4	15-18
Measurement of Dynamic Joint Motion Using Magnetohydrodynamic Angular Rate Sensors G.W. Hall, J.R. Crandall, S.M. Klisch, G.S. Klopp, and W.D. Pilkey	5	12-17
Alternator Vibration for Diagnosis of Short Circuit T.V. Gopalan	6	11-13

REVIEW INDEX

BOOK REVIEW INDEX

Anderson, T.L., *Fracture Mechanics — Fundamentals and Applications (Second Edition),* Reviewed by Ioan Olariu, SVD, 28 (2), p 20 (Mar/Apr 1996).

Fitch, E.C., *Proactive Maintenance for Mechanical Systems,* Reviewed by Henry C. Pusey, SVD, 28 (3), p 23 (May/June 1996).

Harris, C.M. (Ed.), *Shock and Vibration Handbook (Fourth Edition),* Reviewed by Rudolph H. Volin, P.E., SVD, 28 (4), p 19 (July/Aug 1996).

Kohudic, A. (Ed.), *Advances in Intelligent Material Systems and Structures, Volumes One and Two,* Reviewed by Ioan Olariu, SVD, 28 (1), p 16 (Jan/Feb 1996).

Mitchell, J.S., *Introduction to Machinery Analysis and Monitoring,* Reviewed by Kevin R. Guy, SVD, 28 (1), p 15 (Jan/Feb 1996).

Pilkey, Walter D., *Formulas for Stress, Strain, and Structural Matrices,* Reviewed by Serge Abrate, SVD, 28 (1), pp 15-16 (Jan/Feb 1996).

Skvor, Z., *Vibrating Systems and Their Equivalent Circuits,* Reviewed by Laura, P.A.A., SVD, 28 (2), pp 20-21 (Mar/Apr 1996).

ARTICLE REVIEW INDEX

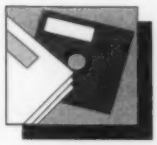
Abdalla, Hany and Kennedy, John B., **Dynamic Analysis of Prestressed Concrete Beams with Openings**, Journal of Structural Engineering (ASCE), 121 (7), pp 1058-1068 (July 1995) Reviewed by P.A.A. Laura and Raul E. Rossi, SVD, 28 (2), p 21 (Mar/Apr 1996).

Cai, Y., Chen, S.S., Rote, D.M., and Coffey, H.T., **Vehicle/Guideway Interaction for High Speed Vehicles on a Flexible Guideway**, Journal of Sound and Vibration, 175 (5), pp 625-646 (Aug 31, 1994), Reviewed by Rudolph H. Volin, SVD, 28 (1), p 14 (Jan/Feb 1996).

Foschi, Ricardo, O., Neumann, Greg A., Yao, Felix, and Folz, Bryan, **Floor Vibration Due to Occupants and Reliability-Based Design Guidelines**, Canadian Journal of Civil Engineering, 22, pp 471-479 (1995), Reviewed by A. Longinow, SVD, 28 (1), p 14 (Jan/Feb 1996).

Kalkert, R.E., Dolan, J.D., and Woeste, F.E., **Wood-Floor Vibration Design Criteria**, American Society of Civil Engineers, Journal of Structural Engineering, 121 (9), pp 1294-1297 (Sept 1995), Reviewed by A. Longinow, SVD, 28 (2), p 21 (Mar/Apr 1996).

AUTHOR INDEX



Aannaque, A. 0781
Aatola, S. 0566
Abbott, B. 0851
Abdel-Rohman, M. 0610
Abdelhamid, M.K. 1056
Abdelnaser, A.S. 1125
Abe, M. 1377, 1378
Abou-El-Yazid, T.G. 1234
Abrahams, I.D. 1156
Abrahamsson, T.J.S. 0461
Abramovich, H. 1091, 1836, 1837
Abrate, S. 0819
Abu-Samak, M. 1810
Accorsi, M.L. 1469
Achong, A. 0820
Adachi, K. 1730
Adali, S. 0614
Adam, A.E. 1169
Adam, C. 0462
Adamini, R. 1211
Adams, M.L. 1637
Adams, R.R. 1859
Adelman, H.M. 1613
Adib-Jahromi, H.R. 1469
Adiletta, G. 1748, 1749
Adley, M.D. 0070
Agneni, A. 1476
Agrawal, O.P. 1256
Aguirre, J.E. 1768
Ahlin, K. 1212, 1546
Ahmad, J. 0388
Ahmadi, G. 1345
Ahmadian, H. 1243
Ahmadian, R. 1092
Ahn, C.G. 1366
Ahn, K.G. 1014
Ai, Xing 0376
Aida, S. 0283
Aifantis, E.C. 0464
Akers, J.C. 1200
Akinkuotu, A.F. 1297
Aktan, A.E. 0257, 1007
Al-Bedoor, B.O. 0463, 0784
Al-Hunaidi, M.O. 0721
Al-Khaleefi, A.L. 0610
Alampalli, S. 0701
Alexa, P. 1093
Alexander, J.E. 1894
Alexander, R.M. 1577
Alfredsson, K.S. 0620
Alighanbari, H. 1668
Allaei, D. 1092
Allemang, R.J. 0285, 1121, 1226, 1227
Allen, C. 1666
Allen, D.J. 1514
Allwood, R.J. 0960
Altan, B.S. 0464
Althaus, J. 0258, 1615, 1616
Altintas, Y. 1287
Alvin, K.F. 1244, 1938, 1536, 1537
Alwis, W.A.M. 0780, 1455
Amabili, M. 0511, 0821, 0838, 0839
Ambrósio, J.A.C. 1932
Amde, A.M. 0380
Amezua, E. 0091
Amini, F. 0322
Andersen, P. 1213
Anderson, D.L. 1196
Anderson, E.H. 0622
Anderson, L. 0015
Anderson, T.J. 0465, 1897
Andersson, T. 1699
Ando, Y. 0632
Andriambololona, H. 0555
Andrianov, I.V. 1461
Ang, T.C. 1008
Angeles, J. 0092
Angermann, R. 0414
Ansary, O. 0617
Antsaklis, P.J. 1709
Antunes, J. 1750
Aoki, S. 1788
Aoyama, K. 1233
Aquilina, R. 0574, 0656
Araki, Y. 0426
Araújo Gomes, A.J.M. 1190
Archuleta, M. 0603
Ariaratnam, S.T. 0382, 0383
Armanios, E.A. 0135
Armarego, E.J.A. 1287
Armstrong, D.M. 0366, 0367
Arpaci, A. 0731
Asada, H. 0359
Ashley, S. 0741
Ashrafiuon, H. 1293
Aşkar, A. 0641
Asmussen, J.C. 0989, 1214, 1221
Asokanthan, S.F. 1821
..... 1426, 1439, 1440
Astley, R.J. 0937
Atanackovic, T.M. 1459
Atkey, M. 0242
Atkins, K.E. 0949
Atkins, R.A. 0872
Attia, R.L. 1146
Aubrecht, J. 1789
Auciello, N.M. 0136, 1407
Audenino, A.L. 1236
Augusto, S. 0577
Autar, R.K. 0983, 1638
Avalos, D.R. 0162
Avilés, R. 0090, 0091
Avitabile, P. 0284, 1525, 1529
Axisa, F. 1750
Ayer, F. 0929
Ayers, C.W. 0854
Azad, A.K.M. 0024, 0981, 0982
Azene, M. 0493
Azovtsev, A.Y. 1074
Badir, A.M. 0135
Bagchi, A. 1797, 1798
Baheti, S.K. 1778
Bai, Hongbai 0280
Bai, M.R. 0537
Bai, Mingsian R. 0211
Bai, Y.L. 0665
Baillie, D.C. 0442
Bajaj, A.K. 0310, 0493, 1208
Baker, G. 0141
Baker, T.A. 0967
Balachandran, B. 0465, 1897
Balasubramanian, S. 1391
Baldwin, R.C. 0875
Baldwin, R.M. 1861
Balis Crema, L. 1476
Ballinger, R.S. 0243, 0329
Balmès, E. 1173, 1215
Bambill, D.V. 0379
Banaszak, D. 1472
Bandyopadhyay, J.N. 0840
Banerjee, J.R. 1794, 1410
Banfo, G.L. 1338
Banks, H.T. 0423, 0855
Banks, J.E. 0607
Bannister, R.H. 1768
Bansal, A.S. 0410
Bao, Shanfei 0341
Bapty, T.A. 0851
Bard, C. 0734, 1622
Barker, G.F. 1012
Barkov, A. 0120
Barkov, A.V. 1074, 1075, 1201
Barkova, N. 0120
Barkova, N.A. 1201
Barrett, D.J. 0093
Barrett, Jr., R.M. 1131
Barrett, L.E. 0768, 1384
Barrett, P.A. 1682
Barrett, R. 0869, 1480
Barthelemy, J.-F.M. 1920
Bartkowicz, T.J. 1561
Barton, J.S. 1630
Baruh, H. 1404
Basavaraju, C. 0547
Bashir, M.H.M. 0506
Basso, G.L. 0052
Bateman, V.I. 1351, 1540, 1541
Batill, S.M. 1917
Batista, R.C. 0039
Batra, R.C. 0492, 0512
Baumann, H.D. 0187
Baumgartner, H. 1277
Bavastri, C.A. 1915
Baxter, M.J. 1163
Baxter, N.L. 0232, 1126
Bayliss, A. 1441
Baylot, J.T. 1656
Bayly, P.V. 1392
Bayón, A. 0567
Bayraktar, F. 1526
Baz, A. 0169, 1814
Bazán, F.S.V. 1915
Beale, D.G. 1068
Beale, S. 0618
Bechelli, R. 0244
Becker, J. 1320
Beebe, R. 0592
Behbahani-Nejad, M. 1806
Behr, D. 1884
Beikmann, R.S. 1363
Belek, H.T. 1526
Belingardi, G. 1236
Béliveau, J.-G. 0929
Bellizzi, S. 0435
Belotserkovskiy, P.M. 1408
Ben-Haim, Y. 0183
Benadé, W.N.v.d.S. 1050
Benaroya, H. 0373
Benedetti, A. 0837
Bennett, G. 1750
Bennett, J.A. 0065

Bennett, P.N. 1457
Bennouna, M. 0781
Bensalem, A. 1653
Bently, D.E. 0694
..... 0769, 1751, 1765, 1298
Bentsman, J. 1789
Bera, R.K. 1462
Berçin, A.N. 0809, 0822
Bereteu, L. 1564
Bergen, T.F. 1313, 1341
Bergman, L.A. 0328
..... 0486, 0788, 1418, 1604
Berkman, E.F. 1311
Berloiz, A. 1464
Bernhard, R.J. 0395
..... 0495, 0588, 0629, 1329
Bernstein, D.S. 0773, 1200, 1518
Berry, A. 0221, 0514, 1444
Berry, D. 0952
Berry, J. 0672, 0673, 1618
Berry, J.E. 1122
Berry, L.D. 0443
Berry, T. 1402
Berstad, A.J. 0378
Bert, C.W. 0513
..... 0521, 0538, 0815, 0823
Berthelot, Y.H. 0572
Berther, T. 1481
Beslin, O. 0824, 1445
Bessac, F. 0856
Bhat, R.B. 0200, 0459, 0528, 1115
Bhatia, S.S. 0285
Bhattacharyya, R. 1886
Bhumbla, R. 1830
Bibb, J.S. 0927
Bienert, J. 1084
Bies, M. 0075
Billet, L. 1779
Biswal, K.C. 1447
Bittanti, S. 1937
Blair, K.B. 1406
Blandford, G.E. 1412
Blankenship, G.W. 1395
Blasbalg, D.A. 0130
Blekhman, I.I. 0124, 0125
Block, J.R. 1025
Bloemhof, H. 1028
Blotter, J.D. 0870, 1790
Blough, J.R. 1483
Bobrakov, V.F. 1281
Bobrovnitskii, Yu.I. 1314
Bochzelt, C. 0292
Bogacz, R. 0143
Bogy, D.B. 0178, 0640
Bohineust, X. 0573
Bohm, W. 1524
Boiangiu, M. 1400
Boivin, N. 0311
Bojczuk, D. 0651, 1911
Bolotin, V.V. 0810
Bolusset, D. 1617
Bolze, V.M. 1382
Bonato, P. 0993
Bondoux, D. 0574
Bonga, M.D. 0012, 0290
Bono, R.W. 0630
Bordelon, W. 0695
Bordeneuve-Guibe, J. 1333
Borisyuk, A.O. 0505
Bork, I. 1180
Bormann, J. 0276
Bors, I. 1093
Bosmans, I. 0825, 1831
Botez, R.M. 1104
Bouc, R. 0435
Bouhaddi, N. 0945
Bouizem, B. 0573, 0578
Bourassa, P. 0401
Bourget, S. 0575
Bouzit, D. 0137, 0138
Bowers, III, S.V. 0233
Bradbury, E.R. 1870
Brancati, R. 0109, 1398
Branco, F. 1432
Brandon, J.A. 1250
Brasil, R.M. 0550
Brasil, R.M.L.R.F. 0166
Bratt, J.F. 1752
Braun, S. 1135, 1170
Braun, S.G. 1578
Bregant, L. 1265
Bremer, H. 0021
Bremigan, C.D. 1330
Brennan, J.R. 0347, 0349
Brennan, M.J. . 0139, 0259, 0262, 1693
Brenot, D. 0184
Brepta, R. 0782
Breslin, M. 1024
Breunig, B. 1715
Brevart, B.J. 1502
Bricout, J.N. 1257
Bright, A.P. 0903
Brillhart, R. 0075
Brincker, R. 0989,
..... 0990, 1213, 1214, 1221
Briscoe, A.R. 1109
Brito, Jr., G.C. 1737
Brooks, R. 1193
Brown, A.M. 0914
Brown, D. 1191, 1254, 1255
Brown, D.E. 0423
Brown, D.L. 0291, 0630
Brown, F.A. 1351, 1541
Brown, G. 0603
Brown, R.D. 1776
Bruch, Jr., J.C. 0614
Brughmans, M. 1591
Bruneau, M. 0036
Brunet, S. 0514
Bruni, S. 1627
Brunner, P. 1550
Brussino, G. 1586
Brzezowski, D.M. 1879
Bubenhofer, S.C. 1083
Buchen, D. 0239
Bucher, C.G. 0634
Bucher, I. 1639, 1891
Buck, B. 0411
Budak, E. 1287
Bui, S.K. 1827
Bulsara, A.R. 0642
Bult, K. 0876
Bunch, S.L. 0350
Burdisso, R.A. 0896, 0950, 1280
Burke, R.R. 0026
Burke, S.E. 1097
Burroughs, C.B. 1427
Burrows, A.P. 1216
Burrows, C.R. 0128, 1943, 1402
Burstein, A. 0876
Burstein, N.M. 0955
Burton, R.T. 0355
Burton, S.A. 1709
Burton, W.S. 0815
Busch-Vishniac, I. 0746
Buyck, W. 0245
Byington, C.S. 0593
Cafeo, J.A. 0312, 0324
Cai, G.Q. 0325, 0639
Cai, L. 1139
Cai, Y. 0392, 1685, 1349
Çakmak, A.S. 0641, 0936
Calado, E.J.S. 1047
Caldwell, J. 1467
Calistrat, M.M. 1513
Campbell, B.J. 1070
Campbell, J.C. 0012
Canada, R.G. 0241, 1124
Canfield, R.A. 0657
Cantieni, R. ... 0991, 0992, 0995, 1185
Cao, Y. 0619
Capecchi, D. 0430
Caponero, M.A. 1342
Cappa, P. 1871
Carcaterra, A. 0466
Cardinal, J.W. 0725
Cardona, S. 1016
Carfagni, M. 1268, 1269
Carles, C. 0393
Carley, M.P. 0713
Carlin, R.A. 1562
Carlsen, J.H. 0389
Carmargo, H.E. 0950
Carne, D.A. 1346
Carne, T.G. 0289, 1222, 1224
Carniel, X. 0576, 0582, 1874
Carolan, T.A. 1630
Carter, D.L. 1074, 1076, 1077
Carter, M.A. 1514
Cartmell, M.P. 0060, 1367
Caruso, H. 1547
Casada, D.A. 0350, 0675
Castellani, A. 1022, 1476
Caughey, T.K. 0913
Cavallero, L. 0001
Cederbaum, G. 0167
Ceglarek, D. 0556
Ceng, Zhongxing 1563
Ceravolo, R. 0993
Červ, J. 0782
Cesnak, J. 1010
Chacón, R. 0115
Chai, J. 1060
Chakravorty, D. 0840
Chalko, T. 0999, 1527
Chalko, T.J. 1576
Challis, R.E. 1471
Chalvidan, V. 0582, 1874
Champoux, Y. 0055, 0514
Chan, A. 1155
Chan, D.S.H. 0643, 1729
Chan, J.H.F. 1654
Chan, T.H.T. 1654
Chan, W.K. 1854
Chancellor, R.S. 1577
Chandiramani, N.K. 0811
Chang, C.K. 0080
Chang, Chia-Chen 1140
Chang, D. 0876
Chang, J.R. 1771
Chang, K.-J. 1528
Chang, L. 0542
Chang, W.J. 0193
Chao, S.H. 1020
Chapman, G.M. 1704, 1705
Charron, F. 0055
Chassiakos, A.G. 0913
Chatterjee, S. . 0094, 0749, 0750, 1379
Chaudhuri, R.A. 0812
Cheikh, L. 0841
Cheli, F. 1627
Chell, G.G. 0725
Chen, C.-S. 0190, 1587
Chen, Cheng-Chieh 0850
Chen, F. 1044, 1132, 1174

Chen, Guojin 1294
Chen, H.-K. 0454
Chen, H.M. 0322
Chen, J.S. 1719
Chen, Jen-San 1816, 1437
Chen, Jingyu 1602
Chen, Jun 0326
Chen, K.-Z. 0160
Chen, L.-W. 0086, 0454
Chen, Lin-Hung 0674
Chen, Q. 0924
Chen, S. 0730
Chen, S.-H. 0151
Chen, S.-L. 1573
Chen, S.H. 1071, 1470, 1572
Chen, S.L. 0785
Chen, S.S. ... 0392, 1685, 1349, 1470
Chen, S.Y. ... 0631, 0938, 1171, 1237
Chen, Shiyu 1430
Chen, W.J. 0449
Chen, W.Q. 0842
Chen, X. 1849
Chen, Y. 0202, 1175
Chen, Y.D. 0361
Chen, Y.S. 1906
Chen, Yung-Hsiang 1791
Chen, Yushu 0751, 1753
Chen, Zhenfan 0280
Chen, Zhuoru 0666
Cheng, C.C. 0149
Cheng, L. 0939
Cheng, S. 1792
Cheng, Zhengxing 0237
Cheng, Ziwei 1294
Cherng, J.G. 0970
Cheung, Y.K. 1071, 1572
Chiang, F.-P. 1118
Chiao, K.-P. 1262
Chiba, M. 0817, 1446
Chieng, Wei-Hua 0502
Chin, C. 1574
Chin, Char-Ming 1850
Chiu, W.K. 0191
Chmúrny, R. 0864
Cho, D.-H. 1278
Cho, D.-S. 1339, 1340
Cho, D.W. 1014
Cho, K.S. 0092
Cho, P.E. 0395, 0495
Choi, B. 0045
Choi, S.-J. 1315
Chonan, Seiji 0179
Chopra, I. 0712, 1756
Chou, K.C. 0877
Chou, Yuan-Fang 0904
Choudhury, A.R. 1484
Chowdhury, M.R. 1655
Choy, C.L. 0161
Christoforou, A.P. 1858
Chryssanthopoulos, M.K. 0844
Chu, C.-H. 0324, 1270
Chu, C.-L. 1860
Chu, W.K. 1521
Chuang, C.-H. 0893
Chun, S.-B. 0611
Chung, K.-Y. 1339, 1340
Cioara, T.Gh. 1564
Citti, P. 1268, 1269
Claesen, W. 1217
Clark, A.V. 0037
Clark, N.H. 0192
Clark, P. 1049
Clark, R.L. 1826
Cleghorn, W.L. 0227
Clift, J. 1495
Cobb, R.G. 0657
Cocker, R.P. 1471
Cogan, S. 0929, 1257
Coleman, R.B. 1311
Coleman, R.E. 1183, 1184
Collina, A. 1627
Collins, T.J. 1859
Colsher, R.J. .. 0337, 0595, 0705, 0868
Combescure, A. 0841
Comstock, T. 0245
Cone, K.M. 0436
Connon, III, W.H. 1548, 1559
Conrad, D.C. 0002
Conti, C. 1133
Cooper, J.E. 0647, 1181
Cooper, P. 1880
Coppola, V.T. 0773, 1518
Corcoran, J.P. 0730
Cordier, J.F. 0393
Corey, C.A. 0953
Cornejo, G.A. 0730
Cornwall, D.A. 1706
Cortázar, D. 0162
Costa, B. 1052
Costerus, B.W. 0058
Courtney, S. 0594
Craig, Jr., R.R. 0078, 0323
Crain, L.M. 1588
Crandall, J.R. 1691
Crawford, J.E. 1809
Crawford, M. 1285
Crease, A.B. 0685
Creber, D.J. 0565
Cremers, L. 1046
Crescini, D. 1134
Crespo, P. 1409
Crolla, D.A. 0681
Cronin, D.L. 0155
Crum, T.H. 0552, 1141
Csaba, G. 1051
Cucuz, S. 0413
Cudney, H.H. 1520
Cunningham, R.A. 0031
Currie, I.G. 0106, 1727
Curtis, D.M. 1904
Cuschieri, J.M. 0368, 0515, 1793
Cusson, E. 0618
Cusumano, J.P. 0140
Cutler, M.J. 0444
Cutshall, W.K. 0323
Cveticanin, L. 1085
Cveticanin, L.J. 1459
Czuchna, J. 1669, 1317
Czuchna, J.S. 1316
D'Urso, G. 1139
Dabbs, M.F. 0440
Dabrowski, Z. 1714
Dahan, F. 0260, 1500
Dalaei, M. 0516
Dalpiaz, G. 0511
Danai, K. 0339, 0680, 1021
Danehower, S. 0978
da Silve, L.A. 1580
Datoussaid, S. 1133
Datta, P.K. 0832, 1116
Davie, N.T. 1351, 1540, 1541
Davies, H.G. 0715
Davies, M.A. 1393
Davies, P. 0310, 1208
Davies, P.O.A.L. 1295
Davies, T.W. 1684
Davis, J.R. 0851
Davis, K. 1381
Davis, T.J. 0871
Day, M.J. 0259
De Baerdemaeker, J. 1059
De Jong, C.A.F. 0507
De Kraker, A. 0158
De Roeck, G. 1217
De Rosa, M.A. 0912
De Stefano, A. 0990, 0993
DeClerck, J.P. 0312
..... 1483, 1529, 1539, 1814
DeGraef, M. 1493
DeWoody, R.T. 1678
Deboli, R. 1549
Decker, J. 0286
Deckert, M. 1478
de França Arruda, J.R. 0577
Deger, Y. 0991
Dehandschutter, W. . 0168, 1331, 1338
Dehombreaux, P. 1133
Deiters, T. 0075
Deitz, D. 0658, 0659, 1277, 1606
de Kraker, A. 0484, 0786, 1100
Del Mar, J. 0862
Delannoy, B. 1204
de los Santos, M.A. 1016
de Melo, F.Q. 1039
Demic, M. 0396
Denoyer, K.K. 0661
Denton, N.L. 0857
Der Hagopian, J. 1464, 1503
Derakhshan, O. 0189
Desai, Y.M. 0795, 1210
Deseri, L. 0837
Desforges, M.J. 0647
de Smet, C.A.M. 0991, 0992, 0995
de Souza, V.C.M. 0212
Dettmer, J.W. 0050
Dexter, E.M. 0498
Diana, G. 1627
Dias, J.P. 1932
Díaz Bejarano, J. 0115
Dickinson, S.M. 0836
Dicleli, M. 0036
Dierckx, B. 1176
Dignan, M. 1495
Dillon, E.W. 0701
Dillon, M. 1191
Dillon, M.J. 0630
Dimentberg, M. 0662, 0918, 1110
Dindorf, R. 1434
Ding, H.J. 0842
Ding, Kang 0858, 1137
Ding, W. 0517, 1448
Dirschmid, W. 1271
Ditman, J. 1040
Ditto, W.L. 0332
Djimadoum, M. 0467
di Terlizzi, D. 1108
Dobson, I. 1343
Dobson, S. 0662
Doebling, S.W. 1938, 1323
Dohrmann, C.R. 1303, 1304
Domaretsky, R.V. 1758
Donescu, P. 1072
Dong, J. 0293
Dong, M. 0876
Dong, S.B. 1800
Dong, X. 1218
Donley, M. 1695
Doong, J.-L. 0190
do Rio, V. 0577
Dörle, M. 1524
Dorrell, L. 1687
Dos Santos, J.M.C. 1477
Doughty, S. 0431
Dowell, E.H. 1826
Doyle, J.F. 1111

Draoui, E. 1464
Drew, S.J. 1707, 1780
Drouin, B. 1052
Du, Desheng 0932
Du, R. 0361, 0609
Duarte, M.L.M. 1219, 1263, 1485
Dubbaka, K.R. 1177
Ducret, Ph. 0963
Duffey, T.A. 0994
Dufour, R. 1464
Duggan, J.B. 0669
Duke, M. 1029
Dumelin, M.B. 1550
Dunn, J.M. 1514
Dunn, S.A. 0708
Dunne, J.F. 1394
Dupal, J. 1023
Duque, E.P.N. 0388
Durakbasa, T. 1526
Dussac, M. 1622
Dutt, J.K. 0126
Dutta, A. 1944
Dvorak, P. 0397
Edelstein, A. 1274, 1601
Edge, K.A. 0687
Eguchi, M. 1634
Eguchi, Y. 0703
Ehrich, F. 0984
Eichelberger, E.C. 1640
Eisenberger, M. 1091
Eisinger, F.L. 0740, 1063
Eiss, N. 1033
Ekaterinaris, J.A. 1073
Ekrekli, A. 0951
Ekwaro-Osire, S. 0437
El Hami, A. 0954, 1058, 1264
El-Marhomy, A.A. 1399
El-Shafei, A. 0261, 1710
ElBeheiry, E.M. 0398
Elanayar, S. 0342
Eldred, L.B. 1920
Elhay, S. 1694
Elishakoff, I. 0044
Elliott, S.J. 0139, 0259
..... 0262, 1693, 1373, 1411
Elmali, H. 0416, 1362
Elnashai, A.S. 1820
Emmert, J. 1496
Enelund, M. 0468
Enevoldsen, I. 1380
Eppli, R.J. 1330
Erbay, A.S. 0607
Eriksson, L.J. 0894, 1330
Ertas, A. 0437
Eslimy-Isfahany, S.H.R. 1794, 1410
Esmailzadeh, E. 1907
Esparza, I. 0071
Essebier, S. 0141
Essinger, J. 0424
Estep, R.N. 1352
Evensen, H.A. 0464, 0475
Eversman, W. 1424
Everson, M.P. 1372
Ewanko, D. 0330
Ewing, M.S. 1094
Ewins, D.J. 0046
..... 0047, 1203, 1219, 1263
..... 1639, 1703, 1787, 1891
..... 1893, 1358, 1485, 1532, 1603
Eytan, R. 1272
Faglia, R. 1211
Fahy, F.J. 0575, 1868
Fairfield, C.A. 0367, 1653
Faltinsen, O.M. 0074
Falzarano, J.M. 0071
Fan, D. 1443
Fan, Y. 0301, 1209
Fang, J. 1431
Fang, Tong 0054, 1670
Fang, W. 0281
Fang, Xiangming 0931
Farag, A.M. 1011
Farag, N.H. 1095
Faragher, J.S. 1054
Farber Yeldham, I.A. 0697
Farrar, C.R. 0994, 1003, 1565
Farrell, P.A. 0708
Farris, T.N. 1406
Farsa, J. 0521
Fasana, A. 0997
Fatone, P. 0408
Faust, H. 0671
Fawcett, J.N. 0456
Fedigan, S.J. 0452
Feit, D. 0515, 0624
Felber, A.J. 0991, 0992, 0995, 0996
Feldkamp, B. 0258
Feldman, M. 0183, 0377, 1135, 1170
Feng, L. 1501
Feng, Y.X. 1344
Fenno, Jr., C.C. 1441
Fenton, R.G. 0227
Ferman, M.A. 1795, 1822
Ferrari, V. 1134
Ferraris, G. 0806, 1754
Ferreira, J.V. 1603
Ferri, A.A. 0914
Fey, R.H.B. 0786, 1100
ichter, W.B. 1859
Fieldhouse, J.D. 1057
Filipich, C.P. 0142
Fillod, R. 0945
Findley, F.A. 0231
Fingberg, U. 1030
Fischer, O. 1848
Fischer, W. 0131
Fisher, S. 0331
Fitz-Coy, N. 0294
Flack, R.D. 1384
Fladung, B. 1191
Fladung, W.A. 1542
Flamand, L. 0736
Flashner, H. 0654
Fletcher, J.N. 1031
Flitter, L. 0390
Flowers, G.T. 0494, 0805
Fog, C. 0568
Fogel, G. 0878
Foiles, W.C. 0340, 1516
Forde, M.C. 0366, 0367
Forte, P. 1065
Foryś, A. 0209
Foryś, A.S. 0209
Foschi, R.O. 1000
Foss, G.C. 1178, 1353
Foster, C.G. 0621
Fox, C.H.J. 0581, 1086, 1757
Fox, D.J. 1846
Frackowiak, S. 0287
Frampton, K.D. 1826
Franchek, M.A. 0629
Franciosi, C. 0912
Francis, J.T. 1063
Frarey, J.L. 0859
Fredel, S. 0336
Freeman, S. 0765
Frei, A. 0690
Frend, R. 0758
Fridman, V.M. 0246, 0263
Friedmann, P.P. 1326
Fries, J.C. 1053
Frischgesell, T. 0143
Friswell, M.I. 0004, 0299
..... 0766, 1155, 1243
..... 1250, 1367, 1551
Fritzen, C.-P. 0239, 0314
Frosali, G. 0821
Frost, G.P. 0066
Frusti, T.M. 1031
Frydman, A.M. 1682
Fu, G. 0701
Fuchs, P.A. 0037
Fuerst, A.G.A. 1737
Fujimoto, I. 1701
Fujino, Y. 0165
Fujita, K. 0703
Fujita, T. 1560
Fujiyama, M. 0084
Fullekrug, U. 1194
Fuller, C.M. 1346
Fuller, C.R. 0470, 1502
Fumagalli, M. 1755
Fung, T.C. 0907
Fürst, S. 0127
Gaberson, H.A. 1123
Gabriel, R. 0774
Gade, S. 0568, 1486
Gafka, G.K. 1530
Gagliardini, L. 0856
Gagnon, F. 1142
Gallo, Y. 0308
Galvin, G.J. 0871
Gammaitoni, L. 0642
Ganapathi, M. 0901
Gančo, M. 1289
Ganesan, N. 0478
Ganesan, R. 0450, 1299
Gangla, B.U. 0228
Ganguli, R. 0712, 1756
Gans, R.F. 0343
Gao, F. 1667
Gao, Y. 1143, 1144, 1865
Garcia, E. 1562
Gardonio, P. 1411
Garga, A.K. 0733
Garibaldi, L. 0997
Garvey, S. 0781
Garvey, S.D. 0004, 0766, 1155, 1551
Gasch, R. 1644, 1650, 1888
Gatzwiller, K. 1486, 1526
Gaudiller, L. 1503
Gaul, L. 1172
Gautschi, G.H. 1481
Gavin, H.P. 0095
Gavrić, L. 0469
Gaylord, F. David 0005, 0006
Ge, T. 0306
Gelin, A. 1617, 1728
Genta, G. 1933
Gentleman, W.C. 1914
Géradin, M. 0785
Gerard, A. 0184, 1205
Gershkovich, V. 1527, 1576
Gess, J.M. 0879
Ghauri, M.K.K. 1086, 1757
Ghosh, A. 0094, 0749, 1379
Ghosh, A.K. 0170, 1447
Gialamas, T. 1265
Gibbs, G.P. 0470
Gibson, A.E. 1192
Gibson, R.F. 1199, 1368
Giesecke, J.L. 0595
Gilbert, M.G. 1348
Gillespie, P.A. 0247
Ginsberg, J.H. 0144

Giorcelli, E. 0997
Giraud, P. 1168
Giraudeau, A. 1168
Gladwell, G.M.L. 0185
Glatt, P. 0248, 0249
Godano, Ph. 1868
Goedke, B. 1497
Gold, P.W. 1708
Golebiowska-Rozanow, M. 0497
Golinval, J.C. 1187
Gollwitzer, R.M. 1679
Golnaraghi, M.F. 0729, 1235
Gomes, J.S. 1039
Gong, Hansheng 0563, 1397
Goodenow, T.C. 0238
Goodnick, S.E. 0003
Goodwin, M.J. 1926
Gordis, J.H. 1928
Gordon, G.A. 0733
Gordon, T.J. 0066
Gorman, D.G. 1169
Gorman, D.J. 0517, 1823, 1448
Gorton, G.J. 0358
Gosiewski, Z. 1018
Gottlieb, H.P.W. 0848
Gottlieb, O. 0377
Gottwald, J.A. 0752
Goueygou, M. 1204
Graber, J.M. 1382
Grace, N.F. 0998
Gradu, M. 1715
Graham, W.R. 0709, 0710
Gray, G.L. 1343
Green, I. 0453
Greer, R.J. 1024
Gregory, S. 0368
Greif, R. 1159
Greutink, H.A.J. 0686
Grey, G.G. 0700
Grice, R.M. 1449
Griffen, C.T. 1044, 1132, 1136, 1174
Griffin, J.H. 0420, 0421
Griffin, M.J. 0069, 0082, 0905
Griffith, J.C. 0816
Grigoriu, M. 0634
Grinn, J.G. 1031
Grishko, A.A. 0810
Grodsinsky, C.M. 0374
Grover, P. 0249
Grunenwald, T. 1750
Gruntman, D.D. 1145
Grushkevich, A. 1170
Gry, L. 1665
Grzyb, A. 0714
Gu, Jialiu 0767
Gu, W. 0539
Gu, Y. 1031
Guan, W. 1436
Gubbe, L.W. 1308
Guclu, R. 0951
Guérin, J.-M. 0055
Guido, A.R. 1748, 1749
Guimond, D.P. 0027
Guliaev, V.I. 1758
Gunter, Jr., E.J. 1245
Guo, J.-S. 1637
Guo, S. 0288
Gupta, K. 0772
Gupta, P. 1412
Gurevich, G. 0900, 1862
Gürgöze, M. 0471
Gute, G.D. 1895
Gutierrez, R.H. 0150, 1832
Guttalu, R.S. 0654
Guyader, J.-L. 0824, 0856
Guyader, J.L. 0199, 0467, 1138
Ha, Y.-H. 1892
Haas, D.J. 0390
Haberman, R. 0438
Hać, A. 0399
Hadian, J. 0518
Hadid, H.A. 0506
Hagedorn, P. 0313
Hagino, T. 0196
Hagiwara, I. 0655
Hahn, E.J. 0100, 1711
Hájek, V. 0864
Hajela, P. 1900
Halkyard, C.R. 0472
Hall, G.W. 1691
Hall, R.L. 1655
Haller, G. 0023
Halliwell, N.A. 0569
Hamada, H. 1505
Hambric, S.A. 1796
Hamdan, M.N. 1810
Hamidzadeh, H.R. 0171
Hamma, G.A. 1195
Hammock, C. 1746
Hampton, R.D. 0374
Han, R.P.S. 0906
Han, S. 0079, 1179
Hanada, T. 1621
Hand, D.P. 1630
Handroos, H.M. 0344
Hanna, D. 1495
Hannsen Su, J. 0612
Hansen, C.H. 0530, 1815, 1435, 1567
Hansen, J. 1881
Hansen, U.J. 1180
Hanson, R.D. 0095
Hao, H. 1008
Haque, I. 1797, 1798
Haranath, S. 1032
Harik, Issam E. 0208
Haritos, N. 0999, 1527, 1576
Haroun, M.A. 0372
Harrap, M.J. 0763, 1082
Harrell, R. 1292
Harrington, M.J. 0779
Harrington, W.B. 1681
Harris, R.M. 0687
Harrison, M.F. 1295
Haselton, D. 1525
Hashidate, M. 0632
Hashimoto, E. 0049
Hashimoto, M. 0010
Hashitani, H. 0270
Haslinger, K.H. 0551
Hassan, A. 1568
Hasuda, T. 1829
Hathout, J.P. 0261, 1710
Hatman, V.G. 1797, 1798
Hattori, Y. 1371
Haugse, E.D. 1353
Hawkins, K. 1290
Hawwa, M.A. 0550
Hayashi, I. 0102, 0980, 1318
Hayata, A. 0102
Hayek, S.I. 0613, 1833, 1507
He, J. 0053, 0264, 0318, 1484
He, Q. 0371
He, Z.-Y. 0524
He, Zhengjia 0237
Heaton, P. 1669, 1317
Heck, M.L. 0718
Heckl, M.A. 1156
Heikkinen, H. 0566
Helmicki, A.J. 1001
Helming, K. 0451
Hemez, F.M. 1246, 1332
Hemingway, N.G. 0288
Hemming, B. 0566
Henderson, B. 1146
Henderson, G. 1334
Henderson, G.R. 0295
Henderson, J.P. 0688, 1633
Heng, K. 1318
Hennecke, D. 0413
Hennequet, G. 0090, 0091
Hennequin, D. 0184
Henrio, J.C. 0578
Herlufsen, H. 0568
Hermans, L. 1337
Hermanski, M. 0013
Hernández, A 0090
Herrin, D.W. 0243, 0329
Herrmann, T. 1589
Herzog, R.J.P. 0278
Hess, D.P. 1381
Hess, Jr., T.D. 0700
Hesterman, D.C. 0979, 1780
Heyns, P.S. 1050
Higuchi, K. 0049
Himelblau, H. 1682
Hine, M.J. 0296, 1682
Hinkson, F. 0250
Hirokawa, K. 1401
Hirose, S. 0403
Hisada, T. 0319
Hisanaga, Y. 1763
Hjelmstad, K.D. 1220
Ho, E.K. 0438
Ho, K.B. 0455
Hohlrieder, M. 1817
Hole, G. 0348
Holland, H.M. 0238
Hollowell, B. 1544
Holm-Hansen, B. 0415
Holmes, P.S. 1181
Homsin, J. 1942
Honda, I. 1834
Honda, Y. 0364
Hong, G.M. 1455
Hoo Fatt, M.S. 0843, 1851, 1852
Hood, R.A. 1024
Hooker, R.J. 0621
Hope, R.W. 0452
Hopmans, L.J.M. 0458
Hopstone, P. 1274, 1601
Hori, N. 0092
Hornberger, K. 0948
Horner, J.L. 0496
Horr, A.M. 1247
Horrigan, D.P.W. 1238
Horyna, T. 1000
Hosek, M. 1362
Hosokawa, K. 0519
Hossain, M.A. 1163, 1164
Hotta, T. 0407
Hou, Y.C. 0933
Hou, Z. 0662, 1110
Houghton, J.R. 1218, 1229, 1267
Houghton, R. 1177, 1182
Houjoh, H. 1724
Houmat, A. 0145
Houser, D.R. 1720, 1382, 1531
Houston, S.S. 0385
Howard, G. 1689
Howard, I. 0121
Howes, B.C. 0019
Hrivnak, S.J. 0689, 1291
Hsiao, K.M. 0432
Hsu, M.H. 0728
Hsu, Meng-Hui 1370

Hsueh, W.C. 0969
Hu, Chen-Meng 0794
Hu, H.Y. 0116
Hu, Haichang 1570
Hu, Jian Shiun 0146
Hu, Zizheng 0317
Hua, Chun-Ho 1306
Huang, Diangui 1759, 1487
Huang, F.Y. 0176, 0177
Huang, H. 0213
Huang, M. 1147
Huang, Ren 0315, 1648, 1686
Huang, S.C. 0455
Huang, S.Y. 1239, 1240
Huang, Shyh-Chin 0674
Huang, T.-J. 1241
Huang, W.H. 1901, 1344
Huang, Wenhu 0932
Huang, Xiuqing 1636
Huang, Yaling 0356
Huang, Z.G. 0638
Hubbard, Jr., J.E. 1097
Huber, H. 1651
Huff, M.A. 0880
Hugin, C.T. 0473
Hulbert, G.M. 1676
Hulse, B.D. 1282
Hum, B. 1478
Hung, K.C. 0173, 0525, 1853
Hung, Y.Y. ... 1044, 1132, 1136, 1174
Hunt, H. 1662
Hunt, H.E.M. 1017
Hunt, V.J. 1001
Hunter, N. 1552
Hunter, N.F. 1225, 1898
Huntington, D.E. 1918
Hurmuzlu, Y. 1460
Hussain, M.S. 0103
Hutton, S.G. 1905
Hwang, K.H. 0147
Hwang, M.-C. 1440
Hwu, Chyanbin 0146
Hyde, T.T. 0622
Ibáñez, P. 1689, 1350
Ibrahim, R.A. 0118, 0429, 1910
Ibrahim, S.R. 0989, 1221
Ichchou, M.N. 0656, 1258
Ichchou, N. 0941
Ichiryu, K. 0345
Ide, K. 0020
Igeland, A. 0063
Ikeda, Y. 1923
Ilich, J. 1707
Imregun, M. 1532, 1599
Incerti, G. 1211
Indrawanto 0062
Inman, D.J. ... 0300, 0855, 0940, 1488
Inoue, J. 0426
Inoue, K. 0351, 1623, 1506
Inoue, T. 1762
Ion, C. 1400
Ioudine, I.A. 1075
Ip, K.H. 1854
Irie, Y. 1834
Irimiciuc, N. 1405
Irons, J.H. 1760
Irretier, H. 1817
Isaksson, A. 0214
Isaksson, J.L. 1761
Ishibashi, F. 0020
Ishida, Y. 1762, 1401
Ishii, S. 1701
Ishii, T. 0742
Ishikawa, N. 1096, 1119
Ishikawa, Y. 1721
Ismail, M. 1776
Isomura, S. 1504
Issac, J.C. 1921
Ito, T. 0703
Itoh, H. 0346
Iwai, S. 0419
Iwankiewicz, R. 1908
Iwatsubo, T. 1730, 1777
Iwatsuki, N. 0102, 0980, 1318
Iwaya, Y. 1872
Iwnicki, S.D. 1023
Iyengar, N.G.R. 0833
Iyengar, R.N. 0384, 0644
Izzuddin, B.A. 1820
Jackson, C. 0985
Jackson, III, K.E. 0553
Jacot, D. 1327
Jacquart, G. 0555
Jacques, R.N. 1585
Jacquet-Richardet, G. 0806, 1728
Jaeger, R. 0693
Jain, A. 1307
Jäger, T. 0127
Jaiswal, O.R. 0384
Jaklevic, R.C. 1372
James, G.H. 1323
James, III, G.H. 0289, 1222
Jammu, V.B. 0339, 0680, 1021
Jangid, R.S. 0096
Janssens, M.H.A. 1002
Jantunen, E. 0683
Jarchow, F. 1716
Jarzynski, J. 0572
Jauregui, D.V. 1003, 1565
Javeed, M. 1859
Jayaraman, K. 1828
Jee, T.-H. 1528
Jellerson, R. 1666
Jen, Ming Une 1631
Jendo, S. 0460
Jenkins, S. 0677
Jennewein, D. 0314
Jenq, S.T. 0080
Jenzer, J. 1641
Jeong, G.S. 1695
Jeong, T.G. 0178
Jezequel, L. 0476
..... 0656, 0664, 0941, 1258
Jhu, Jhi-Lu 1816
Jia, Minping 0315, 1648
Jia, X. 1777
Jian, Kailin 1388
Jiang, L. 0934
Jiang, Z.Q. 1845
Jiang, Zhongwei 0179
Jiang, Zikang 1759, 1487
Jin, Chaoming 0666
Jin, Dafeng 1675
Jin, M. 0578
Jin, Z.S. 0799
Jinnouchi, Y. 0426
Joh, C.-Y. 0557, 1892
Johnson, A.R. 1147
Johnson, C. 0075
Johnson, D. 1687
Johnson, J. 0765
Johnson, M. 1373
Jokinen, H. 0683
Jolly, M.R. 1158
Jones, C.J.C. 1025
Jones, D.I.G. 0623
Jones, J. 0695
Jones, J.D.C. 1630
Jones, N. 1117, 1835
Jones, N.P. 1307
Jones, R.M. 0251, 0759, 0955
Jong, J. 0695, 0860
Jong, J.H. 0106
Jovanovic, A.S. 1015
Jowdy, G.G. 1870
Ju, M.S. 0631, 1171
Jubran, B.A. 1810
Judek, T. 1033
Judge, R. 0868
Jung, G.-H. 0327, 1924
Jung, H.J. 1309
Jung, J.-H. 1528
Jung, M.Y. 1014
Kadomukai, Y. 0028
Kadoya, Y. 0240
Kaffel, H. 1445
Kagawa, Y. 0935
Kahraman, A. 1395
Kaiser, K. 1650
Kaiser, W.J. 0265
Kaizu, K. 0826
Kallis, J.M. 1498
Kam, T.Y. 0193
Kamata, M. 1489
Kamiya, N. 1923
Kammer, D.C. 0946, 1343
Kaneko, Y. 0240
Kanemitsu, Y. 1634
Kang, J.H. 1107
Kang, K.-H. 0474
Kang, W. 1413, 1420
Kang, Y. 1517
Kanitz, R.A. 0879
Kanki, E. 0817, 1889
Kant, T. 1419
Kaouk, M. 0229
Kapania, R.K. 1920
Kar, R.C. 1116
Karagiozov, V. 0491
Karagiozova, D. 0491
Karlsson, S.E.S. 0787, 1922
Karniadakis, G.E. 1807
Karnopp, D.C. 0398
Karpel, M. 0915
Karube, M. 1717
Kasai, M. 0560
Kascak, A.F. 0032
Kataoka, T. 0935
Katayama, K. 1766
Katayama, T. 0817, 1889
Kato, K. 1782
Kato, M. 1623, 1783, 1829
Kato, S. 0010
Kato, T. 1371
Kaupert, K.A. 1642
Kawai, K. 0560
Kawakami, M. 0148
Kawasaki, Y. 1717
Kaya, F. 1041
Kayaba, N. 0655
Ke, F.J. 0665
Keane, A.J. 0808, 0903, 1114
Kehoe, M.W. 1917
Keleris, J.P. 1322
Keller, H. 1663
Keltie, R.F. 0149
Kemp, B.G. 1196
Kennedy, D. 0204, 0908, 1457
Kent, J.A. 0596
Keogh, P.S. .. 0128, 0745, 1943, 1402
Kern, D.L. 1341
Kerr, A.D. 0516
Keskinen, E.K. 0344
Kessissoglou, N.J. 1414
Kesy, A. 0962

Kesy, Z. 0962
Khalaf, H. 0999
Khalak, A. 1688
Khdeir, A.A. 0520
Kholod, E.G. 1461
Khulief, Y.A. 0463, 0784
Kicinski, J. 0986
Kiddy, K.C. 0213
Kikushima, Y. 0275, 1162, 1428
Kim, C.-S. 1892
Kim, C.H. 0523
Kim, D. 0812, 1719
Kim, D.E. 0968
Kim, G.H. 1048
Kim, H.-M. 1561
Kim, J. 0792
Kim, J.-H. 1315
Kim, J.-T. 0234, 1866
Kim, J.W. 1451
Kim, K.-J. 0474, 1278
Kim, K.C. 0194, 1053
Kim, M.-E. 0180, 1438
Kim, M.C. 1309
Kim, S.-H. 1315, 1319
Kim, Y.-B. 0652, 1207
Kim, Y.-H. 1340
Kim, Y.S. 1451
Kim, Y.Y. 1107
Kimble, K.R. 0230
King, M.E. 1909
King, S.P. 0960
Kinjo, H. 1161
Kiremidjian, A.S. 1013
Kirk, R.G. 0742, 1733, 1778
Kirkegaard, P.H. 1213
Kirkland, D.W. 0103
Kirkwood, M.G. 0498
Kisielewski, P. 1029
Kissil, A. 0916
Kita, E. 1923
Kitipornchai, S. 0541, 1120
Kivity, Y. 1009
Klein, M. 0354
Klenke, S.E. 1533
Klingele, H. 1176
Klisch, S.M. 1691
Klopp, G.S. 1691
Klosowski, P. 0215
Klyachko, S. 1112
Knaflitz, M. 0993
Knall, V. 1026
Knoblauch, J. 0411
Knospe, C.R. 0374, 0452
Knowles, S. 1193
Ko, J.M. . 1660, 1808, 1929, 1383, 1433
Ko, P.L. 1628
Kobayashi, K. 1081
Kobayashi, Y. 0699
Koch, T. 1480
Kochersberger, K. 0959, 1248
Kodama, T. 0364, 0703
Koenig, J. 0843, 1851, 1852
Kohn, K.-U. 0013
Koizumi, T. 1223
Kojić, A. 0434
Kok, J.J. 0484
Kondou, T. 0988
Kong, F. 1004, 1005
Konstantopoulos, I. 1709
Korjack, T.A. 0338, 1283
Korotkov, M.P. 1314
Korovkin, Yu. 0711
Koser, K. 0433
Koshigoe, S. 1042
Kosmatka, J.B. 1830
Koss, L.L. 0475, 0589
Kostrzewsky, G.J. 1384
Koton, J. 1690
Kottritsch, H. 0764
Koumousis, V.K. 0813
Kounadis, A.N. 0790
Kovacs, A.P. 1910
Koves, W.J. 0501
Kowal, J. 1607
Kowalczyk, M. 1911
Kowalski, P. 1690
Koyluoglu, H.U. 0936
Köylüoğlu, H.Y. 0641
Kozakiewicz, A. 0175
Kralik, J. 1010
Krámer, C. 0992
Krámer, E. 1651
Krasich, M. 1582
Krawczak, A.T. 0596
Krawczuk, M. 1590
Krodkiewski, J.M. 1054, 1157
Krousgrill, C.M. 1406
Krus, P. 0976
Krylov, V.V. 1312, 1442
Krysinski, T. 1673
Ku, C.-P.R. 1300
Ku, C.H. 1636
Kuai, Xingcheng 0326
Kubler, J. 1481
Kubo, A. 1717
Kudo, A. 1096, 1119
Kueck, J.D. 0675
Kuhn, G. 0863
Kuhnell, B.T. 1739
Kujath, M.R. 0033
Kukreti, A.R. 0521
Kull, J.T. 0132
Kulvietiene, R. 1259
Kulvietis, G. 1259
Kumar, H. 0400
Kumar, R.R. 0718
Kumar, V. 0216
Kunz, F.K. 0691
Kuppelwieser, H. 1027
Kuran, B. 0645
Kuravsky, L.S. 0827
Kurka, P.R.G. 1578
Kuroda, M. 0275, 1162, 1428
Kurt-Elli, H. 1534
Kusiak, R. 0409
Kusumoto, S. 0923
Kwak, M.K. ... 0661, 0821, 0828, 0895
LaRocca, P. 0618
Laak, T.A. 1566
Lacerda, H.B. 1772
Lacube, P. 1673
Ladeveze, P. 1249
Lai, J.-Y. 0190
Lai, J.S. 0635
Lai, P.C.-C. 1740, 1389
Lai, T.C. 1854
Lake, J. 1552
Lakis, A.A. 1855
Lakshmikumaran, A.V. 1465
Lalande, F. 0873
Lalanne, M. 1754
Lallement, G. 0929, 1257, 1580
Lalor, N. 0558
Lam, K.Y. 0217, 0218
Lam, T.C.T. 1700
Lamarque, C.-H. 0841, 0919
Lambert, D.J. 0189
Lambert, R.G. 1553, 1598
Lammens, S. 1591
Landa, P.S. 0125, 0266, 1912
Lane, S.A. 1280
Langenbeck, K. 1715
Langley, R.S. 1450, 1519
Lanin, E.L. 0973, 0974
Larrondo, H.A. 0162
Larsonneur, R. 0278
Larssen, R.M. 0369
Larsson, R. 1712
Lase, Y. 0656, 0941
Latino, R. 0559
Lau, M.W.S. 1417
Lau, S.L. 1802, 1422, 1423, 1569
Lauffer, J.P. 0289
Laugesen, S. 0267
Laura, P.A.A. 0150
..... 0156, 0162, 0379, 1832
Laville, F. 0221
Layton, J.B. 1345
Le Bleu, Jr., J. 0017, 0352
Le Bot, A. 1258
LeBot, A. 0476
LeJeune, M.J. 0290
LePicard, J.P. 0555
Leader, M.E. 0700
Ledeczi, A. 0851
Lednik, D. 0479
Lee, An-Chen 0502
Lee, B.K. 0133
Lee, C.-T. 0722
Lee, C.-W. 0557, 0611, 1087
..... 1863, 1892, 1438, 1579
Lee, C.E. 0872
Lee, C.L. 0058, 0163
Lee, C.W. 0180
Lee, G.C. 0636, 1004, 1005, 1241
Lee, G.M. 0753
Lee, G.S. 1803
Lee, H. 1278
Lee, H.P. 0181, 0477, 0748, 1415
Lee, Hsien Hua 1661
Lee, I. 1319
Lee, I.-W. 0327, 1924
Lee, I.W. 1309
Lee, J. 1643, 1743, 1900
Lee, J.-W. 1924
Lee, J.H. 0968
Lee, J.M. 0194, 1366
Lee, J.S. 0522
Lee, Jyh-Chiang 0904
Lee, K.-M. 0676
Lee, K.C. 1853
Lee, K.N. 0972
Lee, M.-R. 1390
Lee, M.M.K. 0498
Lee, Ming-ran 0305
Lee, O.S. 1048
Lee, S. 1762
Lee, S.-M. 1339
Lee, S.-Y. 0849
Lee, S.J. 0968
Lee, S.L. 0780
Lee, S.W. 1068
Lee, Sen Yung 1416
Lee, T. 0045
Lee, V.W.S. 1473
Lee, W.K. 0523
Lee-Glauser, G.J. 1345
Lefler, K. 0252
Legrain, I. 1510
Lehnhoff, T.F. 0499, 0500
Lei, Y. 0564
Lei, Y.C. 1901
Lei, Zhao 0920
Leira, B.J. 0369
Leissa, A.W. .. 0172, 0210, 0503, 1451

Leist, T. 1035
Lengoc, L. 0087, 0088, 0089
Lenoir, D. 1257
Leo, D.J. 0855
Leong, D. 0409
Leontiev, M.K. 0961
Leung, A.Y.T. 0182, 0306, 0907
Leung, P.S. 1067
Leung, T.P. 0917
Leuridan, J. 1176, 1591
Level, P. 0308
Levi, A. 1001
Levine-West, M. 0916
Lew, J.-S. 0706
Lewicki, D.G. 0339, 0680, 0739
Lewis, C.H. 0069
Lewit, M. 0579
Li, Baojian 1301
Li, D.-X. 1167
Li, D.B. 0917
Li, D.W. 1667
Li, Hongfen 0220
Li, J.-F. 0524
Li, J.F. 0393
Li, Jie 0925
Li, Keyu 1127
Li, L. 0188
Li, Li 0696
Li, R.K.Y. 0161
Li, S. 0291
Li, S.C. 1696
Li, W.X. 0570
Li, X.-N. 0151
Li, Y.-Q. 0264
Lian, Huaying 1726
Liang, X.Q. 0512
Liang, Xingui 0666
Liang, Z. 0636, 1004, 1005, 1241
Liao, Shu-Shyan 0042
Librescu, L. 0814
Librescu, L.I. 0811
Lie, Yu 0459
Liebich, R. 1644
Liebst, B.S. 0657
Lieven, N.A.J. 1356
Liew, K.M. 0173, 0219
..... 0316, 0525, 0540, 0541
Lilien, J.L. 1432
Lim, C.W. 0219, 0540, 0541
Lim, L.K. 1926
Lim, M.K. 0173, 0316, 0525
Lin, Bing-Houng 0041, 0042
Lin, C.-C. 1105
Lin, H. 1657, 1608, 1609
Lin, Hsiang Hsi 1718
Lin, J. 1592
Lin, J.H. 0301
Lin, J.S. 0861
Lin, R.M. 0316
Lin, Shueei Muh 1416
Lin, W. 0814
Lin, X. 1811
Lin, Y. 0537
Lin, Y.-H. 1860
Lin, Y.J. 0045
Lin, Y.K. 0325, 0639
Lin, Yiyan 0211
Lin, Zhenkun 1397
Lin, Zhihang 0122
Lindfield, G. 0299
Lindholm, B.E. 1045, 1593, 1594
Lindner, J.F. 0332
Lines, J. 0412
Ling, J. 0619
Ling, S.F. 0933
Linjama, J. 0580
Link, M. 1006, 1186, 1232, 1916
Liou, Chuen-Huei 1718
Littrell, N.B. 0694, 1298
Litvin, F.L. 1719
Liu, C.-P. 1517
Liu, Hongjun 1602
Liu, J. 1835
Liu, Jike 0747, 1670, 1927
Liu, K. 1585
Liu, Pei-Ling 0850
Liu, Q. 0660
Liu, Rongqiang 1738
Liu, T. 0539
Liu, Y. 1697
Liu, Y.B. 1422, 1423
Liu, Y.C. 0487
Liu, Yong 0767
Liu, Z. 0401
Liu, Zhongsheng 1570
Liwkowicz, J. 1690
Llorca, F. 0184
Llorente, J.I. 0090
Lloyd, H.M. 0868
Locke, S.R. 0669
Locqueteau, C. 1444
Loftus, H.M. 1033, 1035
Logan, D.B. 1078, 1079
Long, M.D. 1346
Long, T. 1693
Longman, R.W. 1374
Lopatinskaia, E. 0253, 0597
López, A. 1305
Lopez, J.E. 0697, 1882
Lorito, F. 1937
Low, K.H. 1417
Low, K.K. 1417
Lowe, P.A. 1083
Loy, C.T. 0217, 0218
Lozovsky, V. 0719
Lu, C.H. 1856
Lu, E. 0637, 0638
Lu, Hongwei 1288
Lu, M.-F. 0570
Lu, Q.S. 0799
Lu, Shixin 0357
Lu, Y. 0045, 0428
Luber, W. 1320
Lucas, G.E. 1493
Lucas, M. 1781
Lucia, A.C. 0650
Lucifredi, A. 1148
Ludolphy, J.W.L. 1680
Lueschen, G.G.G. 0788, 1418
Luk, Y.W. 1183, 1184
Lukasiewicz, S. 0186, 0205, 0829
Lum, K.-Y. 1518
Lund, L. 0959, 1248
Lundberg, B. 0783
Luo, A.C.J. 0906
Luo, Bin 0220
Luo, Dongbi 0309
Luo, Dongping 0220
Luo, Z. 0456
Luongo, A. 0489, 1913
Lyamshev, L.M. 0526
Lyon, D.E. 0029
Lyon, R.H. 0018, 1060
Lyons, G.J. 1431
Lyons, J.P. 0113
Lyridis, D.V. 0030
Lyrintzis, C.S. 1918
Ma, A.-J. 0151
Ma, F. 1571
Ma, Xingrui 0932
Maatar, M. 0737, 1061
MacDonald, L. 0408
MacDonald, N. 0307
MacIntyre, J. 0008
MacLellan, B. 0254
MacMartin, D.G. 0052, 0386
Mace, B.R. 0472, 1113, 1456
Mackin, T.J. 1493
Madigosky, W. 0297
Maduda, M. 0684
Maestrello, L. 1441
Magrab, E.B. 1631
Mahfoudh, J. 0734
Mahir, N. 1812, 1813
Maia, N.M. 1249
Maia, N.M.M. 1037, 1230, 1605
Mairesse, P. 1034
Maisonneuve, V. 1754
Mak, W.H. 1929
Makris, N. 1709
Malasoma, J.-M. 0919
Malburet, F. 1673
Malik, M. 0513, 0538, 0823
Malla, R.B. 1469
Mallik, A.K. 0094, 0749, 0750, 1379
Mancino, E. 0370
Manger, S. 0402
Mangiante, G. 1375
Mann, B. 0333
Mann, III, J.A. 0533, 0534
Manor, A. 1274
Manson, G. 0753
Mao, S.G. 0182
Marcelin, J.-L. 0152
Marcella-O'Leary, L. 1038
Mardorf, J. 1916
Mares, C. 1425
Marghitu, D.B. 1460
Marinetti, A. 0195
Marioli, D. 1134
Markiewicz, M. 0425
Markus, S. 1864
Marsh, E.R. 0967
Martin, M.W. 1614
Martin, V. 1500
Martinez, J. 1016
Martinez, R. 1285
Martins, J.A.C. 1432
Marui, E. 0010
Marur, S.R. 1419
Mas, P. 1046, 1266
Masad, J.A. 0504
Mase, M. 0240
Maslen, E.H. 0153, 0768
Masri, S.F. 0913
Mast, J.R. 0078
Mastroddi, F. 1476
Mateescu, D. 0800
Materny, P. 0986
Mather, J.S.B. 1193, 1273
Mathew, J. 0253,
..... 0442, 0597, 0881, 1078, 1079
Matson, G.A. 1720
Matsuda, H. 0148, 0196, 0791
Matsuda, K. 0270
Matsumura, S. 1724
Matsumura, Y. 1223
Matsunaga, H. 0789
Matsushita, H. 0632
Matsushita, O. 1763
Matusheski, R. 0705
Mauney, D.A. 1861
Mayes, R.L. 1222, 1224
Mayne, R.W. 1801
Mazanek, D.D. 0718

Mazúch, T. 1939
Mazzieri, C. 1148
Mazzilli, C.E. 0166
Mc Avoy, G. 1266
McAllister, J.S. 0334
McCallion, H. 0087, 0088, 0089
McCarthy, D.J. 0018
McCloskey, T.H. 0743
McConnell, K.G. 1197, 1871
McDevitt, T.E. 1427
McFadden, P.D. 0104, 0964, 1867
McFarland, D.M. 1418
McGee, O.G. 1451
McGreevy, J.L. 1441
McIntosh, P. 0971
McKenney, K. 1554
McKinnon, I. 0277
McMillan, A.J. 1114
McMurtrie, N.A. 0014
Mechefske, C.K. 0862
Medearis, K. 0048
Meeks, C.R. 0445
Mees, P. 0825, 1831
Mehregany, M. 0880
Mehri, B. 1907
Mei, C. 1253, 1841
Mei, Hongbin 0122
Meillier, J.-L. 1034
Meirovitch, L. 1296
Mekanik, A. 0800
Melcer, J. 0038
Melotik, D.J. 1372
Meng, G. 1711
Meng, Qingfeng 0237
Meng, Quan 1753
Menz, I. 1888
Mercadal, M. 0057
Merino, J.M. 1305
Merritt, R.G. 1555, 1600
Mester, S.S. 0373
Metcalf, J.R. 0670
Metwally, H.M. 1011
Miccoli, G. 1549
Michaltsos, G. 0790
Mignano, F. 1080
Mignolet, M.P. 1105, 1536
Mii, N. 1877
Mikhlin, Yu.V. 1741
Mikulas, Jr., M.M. 0051
Milano, J. 0390
Miles, R.N. 0874, 1494
Miles, T.J. 1781
Miller, D.W. 1585
Miller, G.K. 0335
Miller, R.D. 1904
Miller, S.E. 1836, 1837
Millwater, H.R. 0725, 1861
Milman, M. 0916
Milne, R. 0683
Minegishi, M. 0632
Minesugi, K. 0381
Minor, E.O. 1321
Mirmiran, A. 0380
Mirsafian, S. 1094
Misaji, K. 0403
Misra, A. 0707
Missaoui, J. 0542
Mitchell, J.S. 0120
Mitchell, L.D. 0570, 1352
Mitschke, M. 0413
Mitsuta, S. 0346
Miyazaki, T. 1505
Mizuno, K. 1505
Mizutani, H. 1721
Mizutani, K. 1782, 1506
Mobley, K. 0598
Mochida, H. 1777
Mockensturm, E.M. 1466
Modder, R. 0336
Moen, L.A. 0378
Molin, N.-E. 0214
Montague, G.T. 0032
Montalvão e Silva, J.M. 1190
Montgomery, D.E. 1934
Mook, D.T. 0549
Moon, F.C. 0646, 1393
Moore, D.G. 1895
Moore, J. 1525
Moore, R. 0599
Moore, R.D. 0132
Moorthy, R.I.K 0761
Moose, C. 0733
Morando, L.E. 0882
Morávka, S. 0782
Moreno-Rubio, R. 0958
Morii, S. 1766
Morikawa, R. 1128, 1873
Morishige, K. 0980
Morishita, S. 0655, 1042
Morita, C. 0148, 0196, 0791
Mork, K.J. 1380
Morrey, D. 1206
Morris, J.P. 0887
Morrish, L. 0060
Morrison, D. 1731
Mortin, D. 1478
Moslehy, F.A. 1683, 1684, 1347
Mote, C.D. 0176
Mote, Jr., C.D. 0177
..... 0849, 1736, 1453, 1581
Mottershead, J.E. 1243, 1250, 1367
Moubray, J. 0883
Mouri, Y. 0283
Moussas, V.C. 0650
Mousseau, C.W. 1676
Moussouras, M. 1851, 1852
Moussouros, M. 0843
Moustafa, K.A.F. 1234
Mowell, M.L. 0965
Moxley, R.E. 0070
Moyer, Jr., E.T. 1904
Mroz, Z. 0651
Mu, C. 0128
Mucci, P.J. 0268
Mueller, S.A. 1347
Muench, R.K. 0027
Mühlenfeld, K. 1671
Mukhopadhyay, B. 1462
Müller, M. 0948
Muller, P. 0527
Murakami, K. 0028
Muravyov, A. 1905
Murin, J. 0942, 1645
Murray, B.D. 0019
Murray, B.S. 1354
Murray, M. 1515
Musa, A.R.b. 1169
Muszynska, A. 0769,
..... 0770, 1764, 1765, 1298
Myung, T.S. 1803
Nabi, S.M. 0478
Nadeau, S. 0055
Naendorf, B. 1716
Naess, A. 0378
Nagai, H. 1701
Nagai, N. 1766
Nagasaka, I. 1762
Naguleswaran, S. 0154, 0755
Nakagiri, S. 1610
Nakai, M. 0727, 1369
Nakamura, K. 0345, 1873, 1490
Nakamura, M. 0913
Nakamura, S.-I. 1783
Nakamura, Y. . 0028, 0796, 0801, 0802
Nakamura. K. 1128
Nakanishi, T. 0406
Nakazato, M. 0351
Nakhaie-Jazar, G. 1907
Nakra, B.C. 0126, 1890
Nam, M. 1833, 1507
Namba, M. 0419, 1621
Namita, Y. 1101
Namura, K. 1702
Nanbu, T. 1829
Naoya, K. 1877
Narayanan, S. 0068, 0083, 1828
Nash, A. 1491
Nasser, M.A. 0134
Natarajan, K. 1799
Natsiavas, S. 1522
Nayfeh, A.H. 0404
..... 0465, 0480, 0518, 0549
..... 1839, 1850, 1897, 1574
Nayfeh, J.F. 0518
Nayfeh, S.A. 0480, 0549, 1574
Neal, H.L. 0404
Neale, M.J. 0884
Nefske, D.J. 1251
Neikirk, D. 0746
Nelson, E. 0016
Nelson, M.C. 1899
Nemeth, M.P. 0814
Nesman, T. 0695
Netzer, E. 0571
Neumann, D. 0056
Neumann, M.L. 0570
Newcomb, T.P. 1057
Newman, D. 1807
Newman, M.J. 0269
Nezu, K. 0760, 0865
Ng, G.H.T. 1250
Ng, K.W. 1508
Ng, T.Y. 0181
Ngamsritragul, P. 1489
Nguyen, T. 1061
Nhu, D.T. 0391
Ni, J. 0637, 0638
Ni, Y.Q. 1660, 1383
Niamathullah, S.K. 0774
Nicholas, J.C. 0744, 1066
Nicholas, Jr., J.R. 0600
..... 0885, 1883, 1499
Nickerson, G.W. 0593
Nicolas, J. 1445
Nielsen, J.C.O. 0063
Nielsen, S.R.K. 0641, 0936, 1908
Nikiforov, A. 0405
Nikravesh, P. 0615
Nilsagård, J. 0009
Nishimura, R. 1872
Nishino, K. 1889
Nishioka, T. 1717
Noah, S.T. 0362, 0652, 1577
Noda, S. 0020
Nogami, T. 0560
Nolan, S.A. 1035, 1036
Noor, A.K. 0815, 0930
Noori, E. 0779
Noori, M. 0662, 1110
Nordmann, R. 0690
Noritsugu, T. 0407
Normandy, R.P. 1611
Norris, A.N. 0830
Norton, M.P. 0191
Norwood, C. 1838

Norwood, C.J. 0561
Nosko, J. 0331
Nower, D. 1166
Nuutila, O. 0987
Nwokah, O.D. 0493
Nyqvist, J.J. 1712
O'Callahan, J. 1612
O'Callahan, J.C. 0284
O'Reilly, O.M. 1818
Obikawa, T. 1595
Ochiai, M. 0345
Ochs, G. 0353
Octrue, M. 1061
Ogasawara, Y. 0346
Ogrodnik, P.J. 1926
Oh, K. 0480, 1839
Ohkubo, H. 1096, 1119
Ohlrich, M. 0473, 1286
Ohta, H. 0446, 1081
Ohtaki, H. 1696
Okabe, A. 1702
Okada, H. 1713
Okada, K. 1165
Okada, Y. 0270
Okamoto, S. 1713
Okubo, N. 1233
Olevsky, V.I. 1461
Olgac, N. 0415, 0416, 1362
Oliver, K. 0697
Oliveros, J. 1355, 1556
Oliveto, G. 0195, 0902
Olofsson, U. 0061
Olsen, A.S. 1619
Olson, T. 1479
Olsson, K.-O 1786
Olsson, K.O. 1732
Onipede, Jr., O. 1800
Onoda, J. 0381
Ooka, K. 0354
Oravský, V. 1784, 1940
Orisamolu, I.R. 0660
Orrenius, U. 0072
Oshiro, N. 1161
Oshman, Y. 1836, 1837
Osipov, V.G. 1664
Ostachowicz, W. 1590
Ostapishin, N.M. 1314
Ostholt, H. 0013
Ostiguy, G.L. 0201
Oswald, F.B. 1718
Oswin, J.R. 1482
Ota, H. 1783
Otaduy, P.J. 0675
Otho, A. 1673
Otte, D. 1265, 1325
Oueini, S.S. 0729
Oursler, M.A. 1706
Ourveloeil, T. 0886
Ouyang, H. 1367
Ouyang, H.J. 0204
Overton, B. 0562
Owens, J. 1182
Öztürk, C. 0724, 1364
Pabst, U 0313
Özgüven, H.N. 0645
Padmanabhan, C. 0305, 0439
Pado, L.E. 1316
Paez, T.L. 1225, 1898
Page, Jr., G.W. 0187
Pahk, H.J. 1014
Pai, P.F. 1125
Païdoussis, M.P. 0509, 0800, 1104, 1914
Paik, J.K. 0073, 0197
Pal, C. 0655
Pal, K. 0155
Palan, D. 1009
Palazzolo, A.B. 0032
Palma, R. 0663
Palmberg, J.-O. 0975, 0976
Palmer, J.D. 0581
Palmer, T. 0887
Pan, C.S. 1667
Pan, J. 1095, 1414
Pan, R. 0715
Pandiyan, R. 0927
Panneton, R. 0221
Pantelides, C.P. 1658
Panza, M.J. 1801
Panzeri, P. 1022
Paolozzi, A. 1342
Papadimitriou, H.A. 0716
Papados, P.P. 1656
Papoulias, F.A. 0716
Pappa, R.S. 1348
Paquette, D.J. 0775
Parausanu, I. 1302
Pardi, L. 0370
Pardoe, B.L. 0852
Pariatmono, N. 0844
Park, C.S. 1366
Park, G.J. 0065
Park, J.-P. 1863
Park, K.C. 0051, 1537
Park, Y.-P. 1528
Park, Y.-S. 1069
Park, Y.-s. 1278
Parker, Jr., B.E. 0713
Parker, R.G. 1453
Parkins, D.W. 0110
Parot, J.M. 0574
Parsons, M.G. 0030
Parszewski, Z.A. 1167
Pascal, J.-C. 0393, 0582, 1874
Pasin, F. 0433
Paslay, P.R. 0031
Pasqualini, A. 0511
Patel, M. 1677
Patten, W.N. 0371
Pauchon, C. 0841
Paul, A.C. 1944
Pavic, G. 0508, 0628, 1509
Payne, J. 0868
Payre, G. 0401
Pedersen, D.G. 1566
Pedersen, P.T. 0073
Pedrini, G. 0586
Peeken, H.J. 1708
Pelletti, J.M. 0776
Pelmear, P.L. 0409
Peng, C. 1360
Peng, W.-K. 0086
Penny, J.E.T. 0004, 0299, 0766, 0781, 1155, 1551
Pepin, S.M. 1514
Perakis, A.N. 0030
Pereira, M.F.O.S. 1932
Perez, R.X. 0872
Perkins, N.C. 0163, 0418, 1806, 1363, 1466
Peroni, I. 1342
Perret-Liaudet, J. 0963, 1260, 1919
Pesterev, A.V. 0328, 1604
Petchenev, A. 1765
Petersen, D. 0878
Petershagen, H. 0831
Peterson, L.D. 1938, 1310, 1323
Peterson, R.L. 1767
Peterson, R.S. 1679
Petitjean, B. 1510
Petronijević, Z. 0434
Petrov, E.P. 0107
Petrov, I.L. 0391
Petrovsky, A.V. 0810
Pettersson, M. 0975
Pettigrew, M.J. 0106, 1727
Petzing, J.N. 1452, 1482
Pezerat, C. 1138
Pezzoli, P. 1022
Pfeiffer, F. 0909, 0910, 1722, 1723
Pfeil, M.S. 0039
Pham, H. 0144
Phillips, A.W. 1121, 1226, 1227
Photiadis, D.M. 0543
Pidaparti, R.M.V. 1697
Piergentili, F. 1612
Pierini, M. 1268, 1269
Pierre, C. 0137, 0138, 0311
Piersol, A.G. 0295
Pietrzko, S. 1006, 1185
Piety, K.R. 1124
Pike, W.T. 0265
Pilipchuk, V.N. 0921
Pilkey, W.D. 0667, 1945, 1413, 1420
Pina da Silva, F.A. 1037
Ping, C.S. 0129
Pinkelman, J.K. 1917
Pinnington, R.J. 0139, 0259, 0262, 0479, 1109, 1449
Pintara, J. 1018
Pinto da Costa, A. 1432
Piombo, B. 0990
Pires, J.A. 0372
Pitts, N.J. 0960
Piwakowski, B. 1204
Plank, R. 0863
Plaschko, P. 0803
Platzer, M.F. 1073
Plaut, R.H. 0811
Play, D. 0734, 1622
Plenge, M. 1172
Png, E.K. 1853
Pocheron, J.-C. 1617
Poh, S. 1814
Poikonen, A. 0566
Poirion, F. 0653
Polisset, C. 1333
Popkov, V.I. 0375, 0536
Popovic, P. 0480
Popp, K. 0143
Popplewell, N. 0795, 1210
Porat, I. 0571
Porterfield, J.F. 1535
Poterasu, V.F. 1405
Potocký, J. 0684
Pourroy, F. 0152
Prabhakara, D.L. 0832
Prabhu, B.S. 1088
Pradlwarter, H.J. 1589
Prakash, J. 1390
Prakash, V. 0198
Preciado, E. 1768
Predin, A. 1635
Predki, W. 1716
Prendergast, D. 0862
Prendergast, J. 0043
Preston, M.A. 0113
Price, S.J. 1668, 1322
Price, S.M. 0691
Prikkel, K. 1583
Prime, M.B. 1421
Princehouse, D.W. 1353
Prion, H.G.L. 1557
Pritchard, J.I. 1613
Prokop, G. 0067

Provasi, R. 1903
Przybylski, J. 0497
Pugnet, J.M. 1617, 1728
Pun, D. 1802, 1422, 1423
Purcell, T.E. 1284
Putresza, J. 0460
Qaisi, M.I. 1744
Qatu, M.S. 0845
Qi, G.Z. 0322, 1239, 1240
Qi, H.B. 1845
Qian, Jiade 0771
Qiao, Simao 0341
Qin, Haoming 1876
Qiu, Chen 0920
Qiu, Damou 1649
Qiu, Jibo 0947
Qiu, Z.L. 0111, 1385, 1386
Qu, L.S. 0361
Qu, Liangsheng 1563
Quan, R. 0417
Qui, J.J. 1629
Qui, Y. 1629
Quinn, D.C. 1336
Quinn, D.D. 0544
Rabeih, E.M.A. 0681
Rackwitz, R. 0488, 1805
Rade, D.A. 1580
Radi, B. 1264
Radkowski, S. 1714
Radmore, P.M. 0117
Rafaely, B. 1373
Raffa, F.A. 1403
Rahn, C.D. 1581
Rai, S. 0359
Rajagopalan, N. 1799
Rajalingham, C. 0200, 1115
Rajan, B.S. 0888
Rajaraman, A. 1799
Raju, K.V.S. 1733
Rajurkar, K.P. 1632
Rakhit, D.A.K. 1624
Ram, Y.M. 1694, 1467
Ramakrishnan, C.V. 1944
Ramamurti, V. 1625
Raman, A. 1208
Ramden, T. 0976
Ramirez, J.A. 1498
Ramon, H. 1059
Ran, L. 0926
Rand, O. 0846
Rand, R.H. 0544
Randall, J.M. 1360
Randall, R.B. 1143, 1144, 1865
Rao, J.S. 0726, 1771, 1784
Rao, P.V.P. 0083
Rao, S.S. 0271, 0738
Raskin, I. 1584
Rasmussen, P. 0583
Rasolofosaon, P.N.J. 0567
Ratan, S. 1404
Ratcliffe, M.J. 1356
Ravalard, Y. 0308
Raveh, D. 0915
Ravi, S.S.A. 1890
Ray, M.C. 1886
Rebillard, E. 0199
Rebinsky, D.A. 0830
Red-Horse, J.R. 1536
Reddy, K.M. 1032
Rediers, B.E. 1035
Redmond, I. 1941
Reed, G.L. 1769
Reese, G.M. 1533
Reix, C. 1205
Rémond, D. 1622
Remseth, S.N. 0369
Ren, Gexue 0302
Renzulli, M. 1362
Reyes, J.A. 0156
Reynier, M. 1249
Reynolds, A.D. 1809
Rezaeepazhand, J. 1857
Rezai K., M. 1557
Ribeiro, A.M.R. 1230
Ribeiro, M.P. 1787
Ribeiro, P.M.L. 1605
Ricci, S. 0915
Richard, M.J. 0542
Richards, R.L. 0775
Richmond, H 0009
Rider, C.D. 0708
Rieger, K.J. 0272
Rieger, N.F. 1700
Rieutord, P. 0806
Rigaud, E. 1626
Rincon, D.M. 0363
Riva, A. 0997
Rizzo, R. 1342
Roach, M.P. 1926
Robb, D.A. 1639, 1787, 1891
Roberts, D. 1880
Roberts, J.B. 0649
Robertshaw, H.H. 0896
Robertson, A.N. 1536, 1537
Robinson, J.C. 0241, 1124
Robinson, N.A. 1323
Rocca, E. 0109
Rockwell, D. 1812, 1813
Rodrigues, J.F.D. 1039
Rodriguez, J. 1404
Roemer, M.J. 0698, 0889
Rogers, C.A. 0873
Rogers, R.J. 0428
Roggenkamp, T.J. 1038
Rogov, S.N. 1075
Rohani, B. 0070
Rohrmann, R.G. 1006
Romanelli, E. 1832
Romano, A.J. 0584
Rong, J.L. 1344
Rongong, J.A. 0273
Rook, T.E. 0682
Roorda, J. 1584
Rosales, M.B. 0142
Rosenblum, M.G. 0125, 1912
Ross, B. 0998
Rossetti, D.J. 1158
Rossi, C. 1748, 1749
Rossi, G.L. 1549
Rossi, M. 1148
Rossi, R.E. 0150, 0156
Rossikhin, Y.A. 0040, 1098
Rossit, C.A. 0379
Rost, R.W. 1542
Roth, P. 1052
Roth, R.B. 0676
Rothberg, S. 1646
Rothberg, S.J. 1781
Roure, A. 1375
Roy, D. 0644
Roy, I.D. 1424
Roylance, B.J. 0888
Royston, T.J. 1523, 1575
Ruckman, C.E. 0612
Ruffell, C.M. 0082
Rujbrová, B. 0864
Ruotolo, R. 1108, 1409, 1425
Russell, R. 1252
Russev, R.G. 0391
Russo, M. 0109, 1398
Russo, R. 0109, 1398
Rutland, N.K. 1943
Ryaboy, V.M. 0274, 1463
Ryan, M.W. 0629
Ryan, R.J. 0713
Ryu, B.J. 1803
Ryu, T. 0084, 0988
Rzadkowski, R. 0807
Sabot, J. 0963, 1626
Sack, R.L. 0371
Sadek, I.S. 0614
Saha, K.N. 1116
Sain, M.K. 0616
Saine, K. 0987
Sainsbury, M.G. 1231
Saito, E. 1702
Saitoh, M. 1538
Saitoh, S. 1763
Sakata, T. 0519, 0528
Sakiyama, T. 0148, 0196, 0791
Salant, R.F. 0130
Salawu, O.S. 1198, 1228
Saldner, H.O. 0214
Sale, M. 1334
Saliba, H.T. 1840
Saller, E. 0601, 1129
Sallstrom, J.H. 0461
Salman, F.K. 1011
Salomeia, L. 1405
Samanta, B. 1886
Sander, H. 0481
Sanjuán, M.A.F. 1396
Sanliturk, K.Y. 1203, 1703
Sansour, C. 1935
Sansour, J. 1935
Santini, A. 0902
Santos, I.F. 0112
Saraiva, J.M.F. 0212
Sardini, E. 1134
Sarkar, P.K. 1804
Sarpkaya, T. 0174
Sarwar, M.K. 0406
Sas, P. 0168, 1046, 1331, 1591
Sassi, S. 0201
Sato, T. 0283
Satoh, M. 1099
Saunders, J.W. 0400
Saunders, T.J. 1336
Saunders, W.R. 0896
Sawaya, N.N. 0171
Saxena, V. 0835, 1843
Scanlan, R.H. 1652, 1307
Scarlin, B. 1651
Scavarda, S. 1811
Schaps, S.R. 0037
Scharrer, J.K. 0776
Schedlinski, C. 1186
Schenck, C. 0602
Scheuren, J. 1524
Schiehlen, W. 0272
Schiffer, W. 1647
Schmid, H. 1652
Schmidt, L.C. 1247
Schneider, P. 1103
Schober, M. 1271
Schoof, L.A. 1533
Schramm, U. 0667, 1945
Schroeder, G. 1531
Schudel, G. 1495
Schueller, J.K. 1292
Schueneman, H.H. 1896
Schultheis, S.M. 1275
Schultz, W.W. 0418
Schulz, M.J. 1125
Schweitzer, G. 1755

Schwenk, A.E. 0613
Sciulli, D. 0895
Sdobnikov, A.N. 1664
Seabra Pereira, M. 0615
Seda-Sanabria, Y. 1655
Segalman, D.J. 1303, 1304
Seibold, S. 1770
Seidel, E. 1492
Seifert, T. 0603
Sekhar, A.S. 1088
Sekiguchi, K. 1829
Selmane, A. 1855
Semercigil, S.E. 0025
Semler, C. 0509, 1914
Sengupta, A.K. 0031
Senjanovic, I. 1209
Senthil, S. 0068
Seol, I.H. 1719
Serridge, M. 0255, 1149
Sestieri, A. 0466
Sexsmith, R.G. 1558
Sha, D. 1849
Sha, Weiping 0317
Shabana, A.A. 0147, 0406
Shabaneh, N.H. 1810
Shafai, B. 0618
Shah, A.H. 0795, 1210
Shakhesi, S. 0152
Shankara, C.A. 0833
Shao, Y. 0760
Sharkady, M.T. 0140
Sharp, R. 0067
Shaw, S. 1159
Shaw, S.W. 0311, 0722, 1573
Shea, J.M. 0011, 1083
Sheen, G.-J. 1517
Sheludko, H.A. 1842
Shen, I.Y. 0482, 0777, 0834, 1300
Shen, Yunwen 0747, 1927
Sherf, Z. 1274, 1601
Sherrick, J. 1689
Sheu, Pey-Pey 0502
Shevitz, D.W. 1421
Shi, J. 0556
Shi, Jinyuan 0563, 1397
Shi, Xiaolu 0034
Shi, Y. 1253, 1841
Shi, Z. 1229
Shiau, T.N. 1771
Shibata, K. 0403, 1623
Shields, E.B. 1819
Shierling, C.L. 1533
Shimizu, M. 0007
Shimoyamada, K. 0364
Shin, Y.C. 0342
Shinke, T. 1101
Shipley, S.A. 1064
Shipman, R.L. 0238
Shitikova, M.V. 0040, 1098
Shivaprasad, H.M. 1032
Shorin, V. 0510
Shoshunov, N.A. 1664
Shreve, D.H. 1130
Shulepov, O. 1091
Shulte, T.E. 0677
Shupikov, A.N. 1842
Sibbald, A. 0366, 0367, 1653
Siddiqui, S.A.Q. 1235
Siebold, S. 0239
Sifrer, K.D. 0596
Silcock, D. 1276
Silcox, R.J. 0423
Silva, J.M.M. 1230, 1605
Silva, L.A. 0577
Silver, II, W. 1357
Simitses, G.J. 1857
Simmermacher, T. 0303
Simon, D. 1187
Simoncic, D.A. 1618
Simpson, M.T. 1815
Simpson, T.A. 0429
Sinapius, J.M. 1188
Singh, A.V. 0216
Singh, B. 0835, 1843
Singh, R. ..... 0268, 0305, 0439 ..... 0682, 1106, 1523, 1575
Singh, S.P. 0772
Singhal, R.K. 1823, 1436
Singleton, K. 0966
Sinha, J.K. 0761
Sinha, P.K. 0840
Sinha, S.C. 0897, 0927, 1931
Sinha, S.K. 0761
Sinn, L.A. 1376
Siong, K.C. 0865
Sirkis, J. 1140
Sivadas, K.R. 0222, 0223
Skop, R.A. 1391
Slater, J.C. 0922
Slavin, A.M. 1304
Slavin, R. 0014
Slingerland, F.W. 0052
Sloss, J.M. 0614
Slough, C.G. 1372
Smalley, A.J. 1861
Smallwood, D.O. 1875, 1543
Smetankina, N.V. 1842
Smiarowski, M.W. 0365
Smigielski, P. 0582, 1874
Smith, D.R. 0691
Smith, K.S. 0926
Smith, P. 0440
Smith, R.C. 0423
Smith, R.L. 0866
Smith, S. 1544
Smith, S.D. 1692
Smith, S.W. 0228, 1561
Snyder, S.D. 0275, 0530, 1162
So, J. 0172, 0210, 0503
Sobczyk, K. 0483
Sobecks, B. 1001
Sobey, A.J. 1794
Sobieszczanski-Sobieski, J. 1613
Sobifrajski, E. 0175
Soedel, W. 0002, 1740, 1389
Soldatos, K.P. 0226
Solecki, R. 0529
Solomos, G.P. 0650
Somada, H. 0704
Sommerfeldt, S.D. 0613, 1833, 1507
Sone, T. 1872
Song, Kong-Jie 0376
Song, L. 1820
Song, S.H. 1803
Song, Y. 0834
Sonobe, T. 1730
Sonti, V.R. 1256
Sood, D. 0113
Sophianopoulos, D. 0790
Soria, J. 0191
Southward, S.C. 1158
Soyster, D.H. 1946
Spann, M. 0279
Spanos, P.D. 0031
Spearritt, D.J. 1426
Spector, A.A. 0492
Spencer, Jr., B.F. 0483, 0616
Spettel, F. 1811
Spettel, T. 1150
Spires, J.M. 0897, 1931
Springer, H. 0292
Sproat, B. 1140
Sproston, J.L. 0097
Sridharan, S. 0545
Srinivasan, A.V. 1365
Stadterman, T. 1478
Stadtfeld, H.J. 0735
Staicu, St. 1400
Stalder, R. 0265
Stanbridge, A.B. 1703, 1893, 1358
Stanway, R. 0097
Starnes, Jr., J.H. 0814, 1857
Stavsky, Y. 0846
Stawicki, C. 0573
Stech, D. 0417
Steel, J.A. 1335
Steele, C.R. 0224
Steele, J.P.H. 0603
Steen, S. 0074
Steffen, Jr., V. 1772
Steininger, D.A. 0551
Steinle, J. 0022
Steinwolf, A. 1545
Stelter, P. 0258
Stemple, T.J. 1296
Stenson, D.R. 0779
Stépán, G. 0023
Steven, G.P. 0318, 1824
Stevens, M.T. 0692
Stevenson, J.D. 1936
Steyer, G.C. 1040, 1070
Stidham, E. 1496
Stiles, M. 0412
Stirnemann, A. 0585
Stoffel, B. 0693
Stokes, W. 1695
Stone, B.J. 0979, 1707, 1780
Storace, A.F. 0113
Stothers, I.M. 1336
Strackeljan, J. 1884
Strada, S. 1937
Strader, J. 1151
Strasberg, M. 0624
Straser, E.G. 1013
Strobbe, J. 1205
Strong, R.E. 0077
Stroud, R.C. 1195
Stroup, E.E. 1160
Stroup, E.S. 1330
Stubbs, N. 0234, 1866
Stuerchler, R. 0690
Su, R. 0051
Su, Tiexong 1675
Subic, A. 0053
Sueoka, A. 0084, 0988, 1766
Sugimoto, N. 0446
Sugiyama, Y. 0817, 1165, 1889
Suh, J.K. 1695
Sujatha, C. 0083
Sullivan, J.M. 1097
Sullivan, R.E. 0740, 1063
Sun, Jincai 0898, 1876
Sun, L. 1157
Sun, Minsheng 0304
Sun, Munan 0054
Sun, X. 0456
Sun, Zhaohui 0898, 1876
Sun, Zhihui 0304
Sundararajan, P. 0098, 0099, 0362
Sundermeyer, J.N. 0793
Sung, S.H. 1251
Surace, C. 1409, 1425
Surace, G. 1108
Surdilović, D. 0360
Susumpow, T. 0165

Sutton, T.J. 0262, 1373
Suzuki, K. 1735
Suzuki, Y. 1872
Svensson, T. 0061
Sverbilov, V. 0510
Swaddiwudhipong, S. 0225, 0780
Swaggerty, G.L. 0890
Swamidas, A.S.J. ... 0202, 1175, 1792
Swanson, E.E. 1733
Swevers, J. 0062
Syugyo, M. 0203
Szabelski, K. 0320
Szabo, M.J. 0713
Szlawinski, D. 1140
Szolc, T. 0143
Sztipanovits, J. 0707
Szwerc, R.P. 1427
Szymkat, M. 1607
Tabarrok, B. 0157
Tabenkin, A. 0668
Tadros, R. 1671
Taft, D. 1279
Tagawa, Y. 1560
Tahrali, N. 0951
Takahashi, K. 0528
Takaiwa, M. 0407
Takashima, Kazu 0179
Takei, B.T. 1538
Takeuchi, H. 1096, 1119
Tallavó, F. 0046, 0047
Tamaki, S. 1161
Tamer, S.M. 0452
Tameroğlu, S.S. 1454
Tamma, K.K. 1849
Tan, C.A. 1468
Tan, N.H. 0117
Tan, T.J. 1455
Tan, Ziyong 0947
Tanaka, H. 1701
Tanaka, K. 0283
Tanaka, M. 1734, 1735
Tanaka, N. 0275
..... 0530, 0899, 1162, 1428
Tandon, N. 1890
Tang, H.T. 1936
Tang, J. 0282
Tang, P. 0032
Tang, W. 0539
Tang, Yu 1511
Tanimura, S. 0826
Tao, D.L. 1231
Taponat, M.-C. 1628
Tarnowski, D. 1092
Taylor, A.J. 0060
Taylor, C.E. 0106, 1727
Taylor, H.F. 0872
Taylor, J. 0867
Taylor, J.I. 0235
Taylor, J.W. 0891
Taz Ul Mulk, M. 0071
Teagle, A. 1042
Tentor, L.B. 1520
Terada, Y. 0519
Thapar, S. 0410
Theissen, J. 1674
Thielsch, H. 0765
Thomas, R.A. 0035, 0604
Thomas, R.H. 1280
Thompson, D.J. 1002
Thomsen, J.J. 0119
Thouverez, F. 0664
Thwaites, S. 0192
Tian, J. 0225
Tibbals, T.F. 0230
Tichy, J. 1887, 1512
Tieu, A.K. 0111, 1385, 1386
Tijsseling, A.S. 0818
Till, P.D. 1847
Tilley, D.G. 0687
Timarci, T. 0226
Tirinda, P. 0864
Tison, J.D. 0949
Tison, T. 0308
Tiwari, R. 0123
Tiwari, V. 1890
Tiziani, H.J. 0586
Tizzi, S. 1019, 1324
Tjavaras, A.A. 0441, 0797
Tmomisawa, M. 1165
To, C.W.S. 0799
Todd, M.D. 0752
Todorov, T.I. 0391
Toersen, H. 0762
Toi, T. 1233
Tokhi, M.O. 0024
..... 0981, 0982, 1163, 1164
Tokunaga, S. 0826
Tolomeo, J.A. 0224
Tomasula, D.P. 0616
Tombini, C. 1205
Tomilina, T.M. 1314
Tomioka, T. 0699
Tomlinson, G.R. 0273, 0753, 0924
Tomski, L. 0497
Tong, L. 0847
Tong, M. 0636
Tong, X. 0157
Tong, Z.-F. 1062
Toni, P. 1065
Tonoli, A. 1933
Torfs, D. 0062
Torstensson, H. 0061
Toshimitsu, K. 0419
Touratier, M. 0527
Tournour, M. 0368
Tournu, E. 1052
Townsend, D.P. 1718
Toyooka, T. 0345
Traill, S. 0605
Tralli, A. 0837
Tran, L. 0445
Tran, V. 1036
Tranquilla, M.N. 1698
Tranter, J. 0606, 0853
Trapp, M. 1033
Tratskas, P. 1522
Travis, M.H. 1064
Trethewey, M.W. 0324, 1946
Triantafyllou, M.S. .. 0164, 0441, 0797
Triller, M.J. 0946
Trimble, L. 0365
Troscinski, M.A. 0943
Troshin, A.G. 0536
Troxler, P. 0129
Troyer, D.D. 0892
Tsahalis, D. 1265
Tsai, M.C. 0728
Tsai, Mi-Ching 1370
Tsai, T.C. 1090
Tsao, T.-C. 1789
Tsay, C.-H. 1042
Tse, P.C. 1854
Tseng, C.H. 0933
Tseng, J.-G. 0281
Tsuchiya, T. 0935
Tsuda, Y. 0988
Tsuei, Y.G. ... 0631, 0938, 1171, 1237
Tsuiji, T. 0203
Tsuji, H. 0346
Tsujiuchi, N. 1223
Tsypkin, M.P. 0956
Tubbs, R.L. 0408
Tucker, P.G. 0745
Tulaev, A.B. 1281
Turhan, O. 0114
Turnbull, P.F. 0418
Tusseling, A.S. 1443
Tylikowski, A. 0778, 1429
Tyrer, J.R. 0587, 1452, 1482
Tzan, S.-R. 1658
Tzou, H.S. 0531
Ueda, K. 0081
Ueha, S. 1128, 1873, 1490
Uhl, T. 1607
Ukrainetz, P.R. 0355
Ulbrich, H. 0276
Ulsoy, A.G. 0363, 1363, 1466
Umeda, A. 0081
Umemura, S. 0240
Umezawa, K. 1724
Underwood, M.A. 1195, 1376
Unglenieks, R.J. 0395, 0588
Upadhyaya, B.R. 0607
Usui, E. 1595
Usukin, V.I. 1664
Utecht, M. 1620
Vakakis, A.F. 1789, 1909
Valancius, J. 1809
Valeš, F. 0782
Vallance, C. 1261
Vallejo, J. 0091
Vanaken, J.M. 1767
Van Brussel, H. 0063, 1059
Van Cauter, R. 1331
van Campen, D.H. .. 0158, 0484, 0648, 0786, 1100, 1596
van Cauter, R. 0168
Vance, J.M. 0098, 0099, 0775
Van Der Horn, G. 0337
Van den Broeck, P. 1217
Van der Auweraer, H. 1176, 1325, 1337
Vanderpoel, R. 0129
Vanderpoel, R. 0129
van der Spek, J.A.W. 0158
van de Vorst, E.L.B. 0158
..... 0484, 1100, 1596
van de Wouw, N. 0648
Van Karsen, C.D. 1539, 1614
Vanmarcke, E. 0663
Van Moorhem, W.K. 1643
van Nijen, G.C. 1747
van Tol, F.H. 0458
Vanzandt, T.R. 0265
Varadan, T.K. 0901
Vardy, A.E. 1443
Varoto, P.S. 1197
Vasseur, J.L. 1061
Vatta, F. 1403
Vaz, M.A. 1039
Velex, P. 0736, 0737, 1061
Ventura, C.E. 0996
..... 1000, 1196, 1557, 1558
Verbeč, B. 1172
Verbeek, G. 0648
Verbeure, B. 0168
Verheij, J.W. 0457, 0458, 0507
Verlinden, O. 1133
Vermeir, G. 0825, 1831
Vestroni, F. 0430, 0489
Vijayan, S. 0416
Vilenius, M.J. 0344
Villemure, I. 1558
Vinayak, H. 1106
Virgin, L.N. 0752, 1072
Vlahopoulos, N. 1261

Vogel, F. 0131
Vold, H. 0291
von Flotow, A. 0057
Voulgaris, P.G. 0486
Vredeveldt, A.W. 1680
Vukobratović, M. 0360
Vyas, N.S. 0123, 0726
Wachel, J.C. 0949
Wada, H. 1782
Wagner, L.F. 0420, 0421
Wagstaff, P.R. 0578
Wakabayashi, K. 0364
Walczak, J. 1586
Wall, W.A. 0634
Walsh, S.J. 0485
Walter, T.A. 0380
Wan, C.-J. 0773
Wang Xixuan 0101
Wang, B. 0159
Wang, Bor-Tsuen 1359
Wang, C. 0792
Wang, C.M. ... 0225, 0532, 1120, 1455
Wang, Chong 0898, 1876
Wang, Dajun 1570
Wang, Deshi 0751
Wang, Fengquan 1430
Wang, H. 0804, 1458
Wang, Haowen 1672
Wang, Hongyan 0341
Wang, I.-C. 1587, 1592
Wang, J. 0100
Wang, J.H. 0972
Wang, K. 0680
Wang, K.W. 0635
Wang, Q. 0893
Wang, Quanfeng 0702
Wang, R. 0923
Wang, R.X. 1704, 1705
Wang, S.T. 1412
Wang, W.-Y. 0763, 1082
Wang, W.J. 0104, 0964
Wang, W.L. 0282
Wang, X.-H. 1439
Wang, X.F. 1867
Wang, X.H. 1821
Wang, X.P. 1659
Wang, Xiankun 1361
Wang, Y. 0625, 0855
Wang, Y.-F. 1062
Wang, Y.K. 1736
Wang, Y.X. 0276
Wang, Y.Z. 1090
Wang, Yang-Cheng 1306
Wang, Yisun 0326
Wang, Yuxin 1387
Wang, Z.Y. 1632
Wangler, C.T. 1567
Warkentin, A. 0025
Warmiński, J. 0320
Warnitchai, P. 0165
Warren, S.R. 0486
Washo, M.W. 0447
Wassermann, J. 0292
Waswick, L. 1479
Watanabe, T. 1788
Watanuki, K. 1696
Waterbury, R.C. 0977
Watkins, S. 0400
Watkins, W.J. 0908
Watton, J. 0565
Weaver, C. 0105
Weaver, R.L. 0793
Weber, H.I. 1737
Weber, W.F. 1036
Weddfelt, K. 0975
Wedrychowicz, S. 0483
Wei, G. 0721
Weichel, F. 0831
Weichert, D. 0215
Weiland, M. 1232
Weinert, K. 1770
Weiser, P. 0690
Welch, S.S. 1348
Weldon, W. 0746
Weller, T. 1463
Wen, B.C. 1775, 1902
Wen, C.X. 1902
Wen, H.-M. 1117
Wensing, J.A. 1747
Wesevich, J.W. 1809
West, R.L. 0870, 1790, 1934
West, R.L., ... 1593
Wester, E.C.N. 1456
Wettergren, H.L. 1786
Wevers, L.J. 1680
Whalen, J.K. 0700
Whear, F.R. 1206
Wheaton, R. 1885
White, G. 0554
White, G.D. 0608
White, G.O. 1559
White, J.L. 1064
White, M.F. 1729
White, R.G. ... 0085, 0485, 0548, 1049
Whitfield, R.I. 1067
Whitman, A.M. 1293
Whyte, R. 0412
Wickert, J.A. 0281, 1785, 1465
Wicks, A.L. 1520, 1535
Wierzbicki, T. 0843, 1851, 1852
Wiese, D. 1773
Wilde, P. 0175
Wileman, J. 0453
Wilkinson, T.S. 1067, 1089
Willems, P. 1899
Williams, E.G. 0584
Williams, E.J. 0581, 1086, 1757
Williams, F.R. 1316
Williams, F.W. 0204, 0301, 0908, 1457
Williams, J.S. 1040
Williams, K. 0804, 1436, 1458
Williams, P.R. 1024
Williamson, C.H.K. 1688
Williamson, H. 1838
Willms, N.B. 0185
Wilson, A. 0594
Wilson, C.J. 0640
Wilson, J.F. 0133
Winkler, J. 1524
Winninger, M. 1375
Wissuchek, D.J. 1493
Wistehuff, W.E. 0499, 0500
Witfeld, H. 0286, 1084
Wittrup, K.P. 1539
Woehrle, T.G. 0058
Wölfel, H.P. 0411
Wong, C.W. .. 1660, 1808, 1929, 1383
Wong, J. 1146
Woo, R. 1827
Wood, K.L. 0746
Wood, L.A. 0561
Woodward, R.R. 0448, 0957
Woollatt, D. 0670
Worden, K. 1216
Wosle, M. 0910
Wowk, V. 0236
Woyshner, W. 0256, 0337, 0705
Woyski, W.B. 1195
Woźnica, K. 0215
Wriggers, P. 1935
Wright, J.F. 0678
Wright, J.R. ... 0273, 0647, 1181, 1216
Wu, C.J. 0085
Wu, C.M. 0783
Wu, D.-N. 0893
Wu, Enboa 0206, 0207
Wu, F. 0805
Wu, Gang 0357
Wu, J. 1684
Wu, J.-S. 0160
Wu, J.J. 1072
Wu, Q.H. 0066
Wu, Ruey-Ji 1661
Wu, S.F. 1844
Wu, S.M. 0637, 0638
Wu, X. 0069, 0905
Wu, X.L. 1845
Wu, Xinhua 1738
Wu, Y. 0609
Wu, Y.-T. 0725
Wu, Ya 0122
Wyckaert, K. 1266, 1337, 1338
Wygant, K.D. 0744
Wynne, R.J. 0273
Xia, M.F. 0665
Xia, Songbo 1738
Xia, Yilin 0723
Xia, Z.Q. 0186, 0205, 0829
Xiang, Y. 1120
Xie, Ming 0858, 1137
Xie, Wei-Chau 0382, 0383
Xie, Y.M. 0318, 0944
Xing, Hong 0034
Xiong, Ye-Ping 0376
Xistris, G.D. 0200, 1115
Xu, B.X. 1183, 1184
Xu, Feiyun 1648
Xu, J. 1906
Xu, Jian 1742
Xu, L. 1292
Xu, Lejiang 0034
Xu, M. 0011, 0017, 1083
Xu, Ming 0352
Xu, Mingtao 1361
Xu, Qingyu 0696
Xu, W. 0589
Xu, Y. 0874, 1494
Xu, Y.L. 1433
Xue, K.Z. 0917
Yacamini, R. 0926
Yagasaki, K. 0754, 0756
Yam, L.H. 0917
Yamabuchi, T. 0935
Yamada, G. 0699
Yamaguchi, H. 0704
Yamakado, M. 0028
Yamamoto, T. 1161
Yamashita, T. 0203
Yamazaki, Y. 1165
Yampolsky, M. 0719
Yan, B. 0546
Yan, H.S. 0728
Yan, Hong-Sen 1370
Yang, Fulun 0341
Yang, G.B.O. 1869
Yang, J. 1390
Yang, J.C.S. 0322, 1239, 1240
Yang, J.S. 0512
Yang, Jianguo 1152
Yang, K.-H. 1069
Yang, Li-Farn 0051, 0798
Yang, M. 0572, 1254, 1255
Yang, R.T. 0432
Yang, S. 1199, 1368
Yang, S.-M. 0487, 1020

Yang, Shuzi 0122, 1636, 1288
Yang, W.D. 1774
Yang, Yeong-Bin 0041, 0042
Yang, Yidong 1328
Yantis, T.F. 1064
Yao, Guozhi 0054
Yao, M.S. 1597
Yao, Y.X. 1036
Yasuda, M. 1560
Yatomi, C. 1506
Yeh, K.Y. 0157
Yehuda, D.B. 1601
Yen, Ching-Shih 0206, 0207
Yen, K.Z.Y. 0969
Yi, W. 0547
Yiannakakis, C.E. 0958
Yigit, A.S. 1858
Yim, S.C.S. ... 0377, 1657, 1608, 1609
Yin, Xuegang 1388
Ying, S. 1468
Ying, Zuguang 0947
Yokoi, M. 0727, 1369
Yokoi, Y. 0560
Yokomichi, I. 0426
Yokota, S. 0704
Yoo, S.S. 1048
Yoo, S.W. 1366
Yoon, D.-B. 1340
Yoon, K.Y. 0738
Yoon, Y.J. 0118
York, C.B. 0204
Yoshida, I. 1446
Yoshikawa, N. 1610
Yoshimura, S. 1015
Yoshitake, Y. 0084
You, Z. 0355
Young, A.J. 1435
Young, P.G. 0836
Young, P.T. 0978
Young, R.C. 1153
Young, R.K. 1499, 1598
Yowell, L. 1611
Yu, H.M. 1925
Yu, J.S. 0325, 0639
Yu, Jun 0751
Yu, P. 0795, 1210
Yu, Q. 0748
Yu, S.D. 0227
Yu, Shu Chen 1742
Yu, Z. 1808, 1433
Yuan, B.J. 1925
Yuan, J. 0836
Yuan, King 0794
Yuan, Weidong 1328
Yuan, Y. 1775
Yuan, Z.J. 1659
Yue, D.K.P. 0164
Yun, J.-S. 1087
Yun, J.S. 1579
Yüsek, I. 1041
Zacharias, V. 0019
Zadoks, R.I. 0436
Zak, A. 1590
Zakrajsek, J.J. 0739
Zanetta, G.A. 1903
Zbinden, M. 1628
Zeidan, F.Y. 0732, 0775
Zeillinger, R. 0764
Zeng, Xiangrong 0356
Zetes, D.E. 0224
Zhan, Renjun 0911
Zhan, Xiang 0309
Zhang, Baihai 0356
Zhang, Ce 1387
Zhang, Changlin 1726
Zhang, F. 1930
Zhang, Fang 0928
Zhang, J.X. 0649
Zhang, J.Z. 1344
Zhang, Jiangjian 1672
Zhang, Jun 0931
Zhang, L. 1725
Zhang, L.-m. 1189
Zhang, N. 1739
Zhang, Shouli 0666
Zhang, Shuangyin 0161
Zhang, T.X. 1775
Zhang, W. 1110, 1745, 1901
Zhang, W.X. 1183, 1184
Zhang, Wei 0911
Zhang, X.M. 0548
Zhang, Xianmin 0747, 1670, 1927
Zhang, Xiaodong 1649
Zhang, Xuejiang 1686
Zhang, Y. 0533, 0534
Zhang, Y.K. 1390
Zhang, Yiming 1675
Zhang, Youyun 0911
Zhang, Yuxiang 0911
Zhang, Z. 0257, 0923, 1007
Zhang, Zengchang 1672
Zhao, Chongbin 1824
Zhao, J.Y. 0427, 1838
Zhao, Jie 1301
Zhao, Jiyuan 0237
Zhao, Lingcheng 1670
Zhao, Y. 1936
Zhen, Tieshen 0696
Zheng, J.J. 1856
Zheng, W. 0033
Zheng, X.Z. 1659
Zheng, Xiao-Jing 0208
Zheng, Xiaoshong 1301
Zheng, Zhaochang 0302
Zhong, Binglin 1648, 1686
Zhong, binglin 0315
Zhou, Ding 0535
Zhou, H. 1623, 1877
Zhou, J. 0546
Zhou, Jiankun 0357
Zhou, Wen 0357
Zhou, Y.H. 0531
Zhou, Yichen 1152
Zhou, You-He 0208
Zhou, Z. 0676
Zhu, Changsheng 0101
Zhu, D.M. 1774, 1930
Zhu, D.P. 1725
Zhu, Demao 0928
Zhu, J. 0253, 0597
Zhu, Jun 0767, 1649
Zhu, Li 1487
Zhu, N.-H. 1118
Zhu, S. 0392, 1685
Zhu, W.Q. 0564
Ziaei-Rad, S. 1599
Zibas, J.G. 0189, 1267
Zibdeh, H.S. 0488, 1805
Ziegler, A. 1027
Ziegler, F. 0462
Zimmerman, D.C. 0229
..... 0303, 1477, 1530, 1561
Zingoni, A. 0490
Zitnan, P. 1825
Zmitrowicz, A. 1055
Zou, David 0304
Zou, J.X. 1901
Zou, Jiaxiang 0034, 0304
Zui, H. 1101
Zvonarev, S.L. 0961

SUBJECT INDEX

Absorbers
0084, 0085, 0371, 0375, 0414, 0415, 0416, 0417, 0635, 0722, 0723, 0950, 1049, 1050, 1290, 1341, 1362, 1693, 1694, 1745

Acceleration analysis
0960, 1150

Acceleration effects
1062, 1692

Accelerograms
1473

Accelerometers
0047, 0081, 0238, 0265, 0472, 0536, 0562, 0566, 0568, 0601, 0633, 0680, 0720, 0869, 0872, 0898, 0993, 1122, 1146, 1176, 1351, 1480, 1481, 1541, 1839, 1870, 1896

Acoustic emission
1630

Acoustic holography
0393

Acoustic measurement
0393

Acoustic response
1844

Acoustic tests
1341, 1346

Active control techniques
0024, 0032, 0045, 0067, 0068, 0139, 0143, 0258, 0259, 0260, 0261, 0262, 0263, 0264, 0265, 0266, 0267, 0268, 0269, 0270, 0271, 0272, 0273, 0274, 0275, 0276, 0407, 0582, 0610, 0611, 0612, 0613, 0614, 0615, 0616, 0622, 0629, 0704, 0767, 0893, 0894, 0895, 0896, 0897, 0898, 0899, 1108, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1280, 1326, 1329, 1331, 1337, 1338, 1345, 1362, 1411, 1414, 1428, 1429, 1468, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511,

Active control techniques (continued)
1512, 1560, 1564, 1567, 1673, 1710, 1815, 1860, 1886, 1887, 1937

Actuators
0032, 0077, 0098, 0127, 0143, 0153, 0165, 0259, 0260, 0269, 0270, 0273, 0276, 0487, 0531, 0618, 0622, 0636, 0640, 0661, 0855, 0880, 0895, 0935, 0954, 1155, 1169, 1211, 1338, 1339, 1362, 1426, 1429, 1435, 1509, 1510, 1524, 1801, 1815

Adaptive control
0637, 0638, 1158, 1675, 1710

Aerodynamic damping
1650

Aeroelasticity
1920, 1921

Agricultural machinery
0412, 1549

Air bags (safety restraint systems)
0065

Air conditioning equipment
1333

Aircraft
0052, 0053, 0054, 0055, 0056, 0057, 0058, 0064, 0254, 0385, 0386, 0388, 0570, 0708, 0709, 0710, 0711, 1018, 1019, 1020, 1050, 1181, 1200, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1477, 1668, 1669, 1670, 1671, 1672

Aircraft engines
0032, 1758

Aircraft fuselages
0052

Aircraft wings
0053, 1794, 1899, 1920

Airfoils
1284, 1307, 1319, 1322, 1424

Airframes
1140

Airplanes
0632, 0711, 1064

Algorithms
0013, 0066, 0123, 0129, 0141, 0152, 0204, 0228, 0234, 0270, 0278, 0282, 0286, 0298, 0299, 0300, 0301, 0302, 0303, 0306, 0308, 0314, 0327, 0329, 0342, 0445, 0449, 0452, 0462, 0482, 0613, 0634, 0635, 0636, 0637, 0638, 0650, 0657, 0660, 0725, 0851, 0860, 0896, 0903, 0907, 0908, 0909, 0910, 0911, 0925, 0940, 0976, 1003, 1015, 1075, 1125, 1162, 1163, 1181, 1200, 1201, 1207, 1220, 1223, 1236, 1244, 1280, 1336, 1339, 1377, 1384, 1467, 1505, 1511, 1518, 1527, 1562, 1563, 1564, 1565, 1566, 1567, 1569, 1585, 1589, 1649, 1693, 1709, 1798, 1814, 1815, 1849, 1884, 1888, 1900, 1901, 1902, 1903, 1915

Alignment techniques
0249, 0277, 0424, 0443, 0900, 1166, 1167, 1290, 1513, 1514, 1515

Alloys
0198, 1096, 1595

Analog techniques
1865

Analytical methods
0473, 0501, 1106, 1425, 1643, 1655, 1717, 1744, 1769, 1788, 1803, 1852

Animal response
1360

Anisotropy
1112, 1836, 1837

Antennas
0382, 1664

Anti-resonant analysis
1050

Antifriction bearings
0867

Appliances
0001, 0002, 1274

Approximate methods
0148, 0479, 1117

Arches
0133, 0366, 0780, 1406

Artificial neural networks
0322, 0442, 0560, 0627, 0655, 0697, 0889, 0911, 0913, 0968, 0976, 1014, 1015, 1648, 1649, 1882

Asynchronous motors
1615

Autocorrelation technique
1082

Automatic transmissions
1715

Automobile engines
1591

Automobile seats
0083, 1029, 1031

Automobiles
0090, 0091, 0330, 0394, 0411, 0414, 0556, 0626, 0671, 0854, 1032, 1034, 1039, 1057, 1186, 1200, 1268, 1269, 1329, 1332, 1466, 1539, 1614, 1689, 1723

Automotive transmissions
1040

Autoregressive moving average models
1213, 1231, 1489, 1930

Axial force
0102, 0379, 0453, 0461, 0488, 0498, 0522, 0780, 0784, 0789, 0847, 0904, 1091, 1289, 1381, 1410, 1420, 1584

Axial vibration
0446, 0958, 1081, 1627, 1647

Axisymmetric vibrations
1109

Balancing
0443

Balancing machines
1773, 1888

Balancing techniques
0124, 0278, 0279, 0348, 0452, 0617, 0618, 0619,

Balancing techniques (continued)
0965, 1168, 1169, 1405, 1516, 1517, 1518, 1731, 1768, 1772, 1773, 1862, 1888

Balls
0906

Bars
0134, 0136, 0460, 0464, 0551, 0579, 0673, 0765, 0781, 0782, 0783, 0941, 1098, 1628, 1787

Beams
0021, 0042, 0085, 0115, 0135, 0136, 0137, 0138, 0139, 0140, 0141, 0142, 0143, 0144, 0145, 0146, 0147, 0148, 0149, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0182, 0210, 0267, 0268, 0273, 0292, 0376, 0405, 0430, 0432, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0506, 0512, 0561, 0576, 0588, 0613, 0620, 0624, 0714, 0784, 0785, 0786, 0787, 0788, 0789, 0790, 0791, 0792, 0793, 0794, 0843, 0855, 0903, 0914, 0941, 0942, 0994, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1138, 1143, 1144, 1159, 1164, 1177, 1182, 1198, 1199, 1229, 1247, 1253, 1255, 1258, 1303, 1304, 1340, 1360, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1435, 1446, 1488, 1494, 1507, 1590, 1592, 1613, 1736, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1841, 1866, 1871, 1872, 1904, 1910, 1916, 1924

Bearings
0015, 0252, 0745, 0767, 0867, 0900, 1299, 1399, 1517, 1719, 1786, 1865, 1926

Belts
0065, 0418, 0724, 1363, 1364, 1466, 1695, 1696, 1697, 1698

Bending
1444

Bifurcation theory
0140, 0651, 0756, 0803, 1668, 1818

Blade loss dynamics
1671

Blade passing frequency
1633

Blades
0086, 0087, 0088, 0089, 0240, 0365, 0388, 0389, 0390, 0419, 0420, 0421, 0451, 0455, 0478, 0514, 0611, 0712, 0725, 0726, 0807, 1018, 1051, 1052, 1053, 1054, 1055, 1326, 1327, 1365, 1621, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1752, 1774

Blast effects
0043, 0659, 1809

Blast loads
1008, 1010, 1012

Blast-resistant structures
0043, 1009, 1012, 1272, 1820

Boilers
1063

Booms (equipment)
1059

Boundary element method
1046, 1070, 1107, 1172, 1261, 1923

Boundary layer excitation
1844

Brakes
0090, 0091, 0727, 1056, 1057, 1176, 1366, 1367, 1368, 1369

Bridges
0036, 0037, 0038, 0039, 0040, 0041, 0042, 0082, 0366, 0367, 0368, 0369, 0370, 0371, 0701, 0989, 0990, 0991, 0992, 0993, 0994, 0995, 0996, 0997, 0998, 0999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1185, 1217, 1306, 1307, 1432, 1527, 1565, 1653, 1654, 1805

Buckling
0070, 0159, 0167, 0195, 0197, 0319, 0491, 0539, 0545, 0755, 0810, 0812, 0814, 0832, 0844, 0908, 0912, 0929, 0930, 1091, 1393, 1412, 1437, 1455, 1457, 1459, 1463, 1584, 1795, 1832

Buildings
0043, 0372, 0677, 0702, 0721, 0825, 0893, 1008, 1009, 1010, 1011, 1017, 1022, 1027, 1154, 1272, 1308, 1315, 1442, 1479, 1809

Buses
0083

Cable-stayed structures
1306

Cables
0039, 0060, 0162, 0163, 0164, 0165, 0241, 0378, 0425, 0489, 0490, 0562, 0795, 0796, 0797, 0798, 0992, 1101, 1431, 1432, 1433, 1806, 1807, 1808

Cams
0585, 0728, 0748, 1271, 1370

Cantilevers
1799

Case histories
0008, 0017, 0019, 0035, 0232, 0235, 0250, 0358, 0556, 0592, 0740, 0886, 1056, 1187, 1334, 1498

Centrifugal compressors
1778

Cepstrum analysis
1143

Ceramics
1083

Chains
0406, 0422, 1296

Chaos
0115, 0119, 0125, 0140, 0266, 0307, 0332, 0401, 0491, 0509, 0518, 0646, 0648, 0750, 0756, 0803, 0827, 0881, 1209, 1288, 1322, 1343, 1393, 1396, 1470, 1577, 1608, 1657, 1742, 1749, 1828, 1850, 1912, 1935

Chatter
0010, 0011, 0034, 0245, 0304, 0341, 0492, 0609, 0969, 0972, 1288

Circuit boards
1481

Clutches
1058, 1371, 1372, 1708, 1942

Columns
0166, 0167, 0491, 1809

Complex modes
1520, 1579

Component mode synthesis
0158, 0786, 1100, 1173, 1262, 1263, 1477, 1747, 1905, 1925, 1938

Composites
1097

Compressors
0018, 0019, 0103, 0358, 0669, 0670, 0685, 0775, 0776, 0792, 0872, 0950, 1275, 1276, 1285, 1389, 1615, 1616, 1617

Computational techniques
0298, 0299, 0300, 0301, 0302, 0303, 0304, 0305, 0306, 0307, 0308, 0309, 0310, 0311, 0312, 0313, 0314, 0315, 0316, 0317, 0318, 0319, 0320, 0321, 0322, 0323, 0634, 0635, 0636, 0637, 0638, 0639, 0640, 0641, 0642, 0643, 0644, 0645, 0646, 0647, 0648, 0649, 0650, 0651, 0652, 0653, 0654, 0655, 0656, 0907, 0908, 0909, 0910, 0911, 0912, 0913, 0914, 0915, 0916, 0917, 0918, 0919, 0920, 0921, 0922, 0923, 0924, 0925, 0926, 0928, 0929, 0930, 0931, 0932, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931

Computer efficiency
1883

Computer hardware
0176, 0330, 1924

Computer programs
0213, 0298, 0304, 0445, 0509, 0594, 0596, 0603, 0604, 0689, 0719, 0721, 0868, 0912, 0913, 0948, 0954, 0986, 1027, 1202, 1212, 1242, 1247, 1259, 1274, 1291, 1317, 1375, 1382, 1493, 1533, 1544, 1588, 1592, 1601, 1606, 1685, 1878

Computer storage devices
0334

Computer-aided design
0646

Computerized simulation
0090, 0091, 0245, 0253, 0293, 0402, 0417, 0564, 0597, 1033, 1271, 1637, 1698, 1718

Condition evaluation techniques
0120, 0229, 0230, 0247, 0287, 0552, 1004, 1013, 1074, 1129, 1246, 1861

Condition monitoring techniques
1088

Contact vibration
1755

Containers
1102, 1103

Continuous parameter method
1418

Control equipment
1059, 1618, 1633, 1837

Control simulation
1763

Control systems
1943

Control techniques
0258, 0259, 0260, 0261, 0262, 0263, 0264, 0265, 0266, 0267, 0268, 0269, 0270, 0271, 0272, 0273, 0274, 0275, 0276, 0277, 0278, 0279, 0280, 0281, 0282, 0283, 0355, 0610, 0611, 0612, 0613, 0614, 0615, 0616, 0617, 0618,

Control techniques (continues)
0619, 0620, 0621, 0622, 0623, 0624, 0625, 0626, 0627, 0628, 0629, 0893, 0894, 0895, 0896, 0897, 0898, 0899, 0900, 0901, 0902, 0903, 0940, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1520, 1521, 1522, 1523, 1524, 1886, 1887, 1888, 1889, 1890

Controllers
0022, 0045, 0051, 0062, 0066, 0068, 0092, 0094, 0128, 0168, 0169, 0269, 0355, 0399, 0407, 0423, 0486, 0635, 0728, 0729, 0730, 0794, 0896, 1059, 1155, 1164, 1211, 1311, 1373, 1374, 1375, 1376, 1402, 1424, 1468, 1510, 1706

Cost effectiveness
1619

Coulomb friction
0062, 0402, 0436, 0615, 0924, 1052, 1203

Coupled systems
1446, 1485

Couplings
0424, 0730, 1020, 1229, 1513, 1616, 1707, 1708

Covariance function
1489

Crack detection
0430, 1175, 1190, 1238, 1392, 1404, 1421, 1493, 1577, 1770

Crack prediction
0793

Crack propagation
0202, 0325, 0564, 0639, 0650, 0663, 0831, 0863, 1140

Cranes
0060, 0062, 0344

Crankshafts
0666, 0979

Crash research
0073, 1680, 1945

Criteria, standards and specifications
0026, 0721, 1048, 1291, 1540, 1548, 1555, 1611, 1620, 1669, 1879, 1896

Critical loads
1584

Critical speeds
0181, 0401, 0427, 0732, 0736, 0747, 0772, 0781, 1061, 1066, 1367, 1401, 1440, 1626, 1710, 1731, 1763, 1769, 1778, 1783, 1786, 1816, 1921, 1927

Cross spectral method
1875

Curve fitting
0475

Cutting
0010, 0087, 0088, 0089, 0134, 0342, 0343, 0969, 1287, 1288, 1595, 1631

Cyclic loading
1383

Cylinders
0013, 0169, 0170, 0171, 0172, 0173, 0174, 0175, 0216, 0221, 0283, 0492, 0547, 0621, 0769, 0799, 0800, 0801, 0802, 0803, 0804, 0839, 1104, 1118, 1391, 1434, 1435, 1436, 1688, 1810, 1811, 1812, 1813, 1814, 1815, 1845, 1923

DDAM (computer programs)
1894

Dampers
0003, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0372, 0425, 0426, 0427, 0569, 0700, 0731, 0732, 0771, 0775, 1154, 1377, 1378, 1379, 1380, 1709, 1710, 1711, 1712, 1713, 1730, 1833

Damping
0022, 0049, 0071, 0106, 0107, 0110, 0112, 0114, 0119, 0132, 0137, 0152, 0174, 0175, 0176, 0177, 0186, 0205, 0220, 0223, 0258, 0270, 0289, 0313, 0317, 0330, 0343, 0367, 0373, 0393, 0414, 0417, 0426, 0438, 0465, 0474, 0482, 0486, 0488, 0522, 0534, 0573, 0614, 0628, 0631, 0647, 0656, 0690, 0694, 0709, 0710, 0726,

Damping (continued)
0731, 0750, 0754, 0764, 0798, 0815, 0829, 0870, 0897, 0923, 0980, 0984, 1032, 1052, 1105, 1174, 1205, 1218, 1219, 1230, 1254, 1292, 1313, 1314, 1343, 1431, 1434, 1445, 1469, 1492, 1507, 1599, 1607, 1661, 1690, 1732, 1782, 1786, 1788, 1789, 1893, 1905, 1929

Damping resonance
0164

Damping techniques
0280, 0281, 0282, 0620, 0621, 0622, 0623, 0624, 0625, 0901, 0902, 1170, 1171, 1519, 1520, 1889, 1890

Dams
0703, 1196, 1655

Data acquisition
0035, 0140, 0231, 0248, 0352, 0448, 0481, 0553, 0554, 0559, 0565, 0603, 0633, 0851, 0852, 0857, 0861, 0952, 0996, 0997, 1001, 1035, 1121, 1130, 1148, 1223, 1355, 1544, 1559, 1686

Data processing
0231, 0587, 0853, 1472, 1473, 1666

Deformation methods
1903

Design
0001, 0002, 0004, 0019, 0022, 0043, 0048, 0050, 0061, 0099, 0128, 0129, 0132, 0152, 0168, 0271, 0276, 0294, 0324, 0329, 0330, 0331, 0332, 0333, 0344, 0351, 0356, 0359, 0360, 0374, 0385, 0400, 0413, 0419, 0460, 0487, 0498, 0558, 0601, 0606, 0607, 0608, 0621, 0632, 0636, 0646, 0658, 0659, 0666, 0667, 0668, 0670, 0676, 0684, 0689, 0692, 0693, 0700, 0717, 0723, 0728, 0744, 0774, 0779, 0790, 0798, 0806, 0819, 0823, 0896, 0948, 0949, 0967, 0975, 0985, 1008, 1009, 1030, 1038, 1102, 1129, 1160, 1161, 1164, 1187, 1189, 1193, 1202, 1252, 1268, 1269, 1270, 1271, 1272, 1273, 1279, 1297, 1314, 1320, 1332, 1349, 1376, 1379, 1381,

Design (continued
1434, 1439, 1445, 1500, 1554, 1586, 1606, 1607, 1608, 1609, 1610, 1611, 1613, 1614, 1620, 1680, 1681, 1687, 1695, 1726, 1804, 1857, 1911, 1925, 1942, 1943, 1944, 1945, 1946

Design methods
1272, 1295, 1370, 1373, 1378, 1607, 1612, 1622, 1723, 1900

Detonation waves
1146

Diagnostic techniques
0016, 0103, 0104, 0122, 0131, 0232, 0233, 0234, 0235, 0236, 0237, 0337, 0338, 0349, 0357, 0442, 0444, 0447, 0553, 0555, 0556, 0557, 0558, 0559, 0560, 0561, 0562, 0563, 0564, 0593, 0607, 0672, 0706, 0707, 0711, 0713, 0743, 0758, 0762, 0763, 0816, 0854, 0855, 0857, 0858, 0859, 0860, 0861, 0863, 0864, 0865, 0856, 0862, 0866, 0867, 0881, 0882, 0974, 1003, 1005, 1018, 1021, 1075, 1076, 1077, 1090, 1122, 1123, 1124, 1125, 1147, 1152, 1201, 1862

Diesel engines
0030, 0358, 0364, 0983, 0987, 1037, 1638, 1640, 1641, 1645, 1647

Differential equations
1752, 1850, 1914

Digital techniques
1136

Discrete time models
1536

Disks
0009, 0113, 0176, 0177, 0178, 0179, 0180, 0181, 0420, 0421, 0455, 0493, 0494, 0805, 0806, 0807, 1057, 1105, 1106, 1300, 1367, 1437, 1438, 1639, 1748, 1774, 1816, 1817, 1818, 1933

Doppler effect
0570, 1724

Drilling platforms
0046, 0047, 0378, 0379, 1620

Drills
0031, 0363, 1464, 1858

Drive systems
1674, 1707, 1771

Driveline vibrations
0681

Drives
0003, 0334, 0335, 0336, 0354, 0422, 0565, 0671, 0738, 0926, 0942, 0951, 1363

Dry friction
0924, 1431

Ducts
0434, 1200

Duffing oscillators
1744

Dynamic analysis
0126, 0138, 0160, 0302, 0305, 0445, 0453, 0483, 0538, 0738, 0746, 0771, 0772, 0781, 0914, 0925, 0945, 1010, 1011, 1058, 1087, 1088, 1170, 1255, 1263, 1302, 1306, 1324, 1399, 1459, 1461, 1587, 1596, 1632, 1636, 1708, 1743

Dynamic balancing techniques
1643

Dynamic environments
1543

Dynamic force analysis
1777

Dynamic forces
1364

Dynamic loads
0063, 0159, 0178, 0321, 0400, 0462, 0475, 0724, 0843, 0917, 0928, 1103, 1131, 1393, 1592, 1653, 1660, 1676, 1704, 1718, 1851, 1930, 1944

Dynamic modeling
0165, 1061, 1760

Dynamic response
0033, 0039, 0041, 0074, 0080, 0096, 0130, 0134, 0155, 0193, 0194, 0201, 0221, 0224, 0258, 0290, 0308, 0326, 0369, 0379, 0439, 0454, 0491, 0493, 0520, 0575, 0616, 0645, 0664, 0667, 0736, 0780, 0790, 0797, 0826, 0870, 0876, 0921, 0935, 1016, 1053, 1067, 1093, 1095, 1187, 1203, 1292, 1299, 1320, 1380, 1406, 1409, 1410, 1413, 1415, 1416,

Dynamic response (continued)
1464, 1605, 1614, 1622, 1625, 1667, 1720, 1725, 1750, 1771, 1790, 1844, 1856, 1908, 1934, 1945

Dynamic stability
0086, 0522, 0716, 0778, 1069

Dynamic stiffness
0156, 0366, 0461, 0785, 1403, 1791, 1904

Dynamic stiffness matrix
1469

Dynamic stress concentration
1756

Dynamic systems
1209, 1256, 1658, 1910, 1912, 1913, 1931

Dynamic testing
0081, 1698, 1767

Dynamic vibration absorption equipment
1377, 1378

Dynamometers
1353, 1366

Eccentricity
1407

Eddy current probes
0816

Eigenvalue problems
1114, 1610, 1840, 1853

Eigenvalues
1520

Elastic foundations
0714

Elasticity theory
1853

Elastomers
1521

Electric motors
0004, 0005, 0006, 0007, 0028, 0058, 0337, 0672, 0673, 0674, 0675, 0676, 0690, 0952, 0953, 0954, 0955, 0956, 0957, 0958, 0973, 1037, 1277, 1278, 1279, 1526, 1618, 1619, 1620, 1883

Electrohydraulic systems
1059

Electromagnetic properties
0004

Electronic systems
0108

Elevators
1165

Elliptic functions
1071

Energy balance technique
0117

Energy dissipation
1833

Energy methods
0395, 0405, 0476, 0479, 0495, 0539, 0656, 0941, 1526, 1738, 1834

Energy transfer
0072, 0457, 0469, 0480, 0495, 0576, 0581, 0822, 1241, 1414, 1755, 1874, 1897

Engine mounts
0948

Engines
0338, 0671, 0851, 0979, 1039, 1064, 1086, 1365, 1740, 1780

Equipment response
1881

Equivalent linearization method
0920

Error analysis
0858, 1824

Euler method
0477

Euler-Bernoulli method
1418

Excitation
0030, 0054, 0078, 0085, 0088, 0106, 0123, 0144, 0163, 0183, 0224, 0243, 0266, 0274, 0320, 0326, 0396, 0413, 0415, 0423, 0436, 0437, 0439, 0465, 0480, 0505, 0548, 0578, 0579, 0582, 0629, 0640, 0647, 0685, 0715, 0737, 0749, 0751, 0753, 0785, 0893, 0897, 0907, 0932, 0956, 0990, 1004, 1016, 1028, 1038, 1072, 1170, 1179, 1180, 1184, 1188, 1197, 1207, 1208, 1216, 1222, 1260, 1284, 1331, 1350, 1364, 1385, 1386, 1394, 1395, 1427, 1429, 1500, 1509, 1519, 1550, 1564, 1652, 1660, 1672,

Excitation (continued)
1727, 1758, 1812, 1813, 1821, 1822, 1838, 1839, 1864, 1891, 1893, 1898, 1905, 1906, 1929

Excitation techniques
0289, 0301, 1491

Experimental data
0047, 0288, 0291, 0322, 0324, 0331, 0428, 0538, 0584, 0728, 0996, 1060, 1062, 1063, 1073, 1106, 1178, 1194, 1198, 1228, 1232, 1254, 1270, 1385, 1404, 1425, 1458, 1472, 1520, 1525, 1530, 1536, 1580, 1593, 1637, 1639, 1664, 1665, 1679, 1690, 1707, 1716, 1721, 1728, 1733, 1749, 1754, 1769, 1776, 1777, 1789, 1796, 1803, 1810, 1838, 1847, 1859, 1863, 1868, 1889, 1891, 1892, 1898, 1928, 1941

Experimental techniques
0294, 1735, 1891

Experimental tests
0284, 0285, 0286, 0287, 0288, 0289, 0290, 0291, 0292, 0293, 0295, 0296, 0297, 0630, 0631, 0632, 0633, 0904, 0905, 0906, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899

Experimental theory
1853

Expert systems
0078, 0251, 0356, 0565, 0683, 0719, 0861, 0868, 1075

Explosions
0659, 1308, 1666

Explosives
1687, 1809

Facilities
0852, 1687, 1688

Failure analysis
0447, 0675, 0867, 1015, 1682

Failure detection
0162, 0228, 0234, 0239, 0299, 0339, 0561, 0563, 0565, 0697, 0698, 0719, 0759, 0760, 0862, 0911, 0913, 0964, 0971, 1078, 1079, 1082, 1476, 1477, 1530, 1538, 1557, 1558, 1562, 1565, 1598, 1649, 1686

Fan blades
1192, 1671

Fans
0008, 0238, 0244, 0677, 0678, 0958, 0959, 1248, 1280, 1621

Fast Fourier transform
0230, 0231, 0446, 0448, 0515, 0533, 0560, 0588, 0609, 0757, 0869, 0989, 1123, 1128, 1137, 1183, 1214, 1281, 1492, 1537, 1563, 1653, 1819, 1865, 1930

Fasteners
1381

Fatigue
0295, 0325, 0564, 0639, 0663, 0733, 0739, 0743, 0863, 1587, 1598, 1682, 1700, 1792, 1805, 1861

Feedback control
0153, 1504

Fiber optics
1630

Field test data
1547, 1675

Finite difference technique
0111, 0213, 0826, 0934, 1737, 1873, 1876

Finite element method
0007, 0034, 0049, 0086, 0145, 0150, 0158, 0161, 0165, 0166, 0239, 0285, 0319, 0324, 0329, 0359, 0370, 0406, 0430, 0432, 0456, 0499, 0500, 0501, 0504, 0521, 0529, 0550, 0581, 0612, 0657, 0658, 0659, 0660, 0670, 0698, 0744, 0766, 0787, 0795, 0831, 0833, 0837, 0840, 0901, 0916, 0917, 0933, 0934, 0935, 0936, 0943, 0954, 0963, 0967, 0969, 0994, 0999, 1006, 1092, 1101, 1103, 1114, 1183, 1184, 1199, 1242, 1243, 1244, 1245, 1246, 1247,

Finite element method (continued)
1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1261, 1262, 1264, 1265, 1266, 1268, 1269, 1270, 1277, 1304, 1320, 1324, 1347, 1356, 1403, 1412, 1419, 1430, 1453, 1482, 1484, 1503, 1528, 1529, 1535, 1580, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1610, 1623, 1626, 1654, 1656, 1677, 1678, 1681, 1695, 1705, 1728, 1740, 1747, 1774, 1778, 1796, 1800, 1819, 1830, 1841, 1877, 1886, 1895, 1932, 1933, 1934, 1935, 1936, 1939, 1946

Flexible rotors
1711, 1713, 1729, 1926, 1943

Flexible structures
1506, 1747, 1889

Flexural vibrations
0013, 0093, 0139, 0148, 0164, 0176, 0188, 0191, 0199, 0363, 0462, 0476, 0477, 0543, 0724, 0784, 0834, 0849, 0901, 1119, 1402, 1407, 1416, 1467, 1468, 1490, 1610, 1662, 1779, 1794, 1803, 1805, 1833, 1843, 1846, 1858

Flexural waves
0572, 1095, 1258

Floors
0542, 0959, 1315

Floquet theory
0747, 0786, 1753, 1927

Flow-induced excitation
1307

Flow-induced vibration
0703, 0800, 0803, 1726, 1750, 1807, 1810

Flugges shell theory
0217

Fluid-filled containers
1775

Fluid-film bearings
1088, 1384, 1732, 1765

Fluid-induced excitation
0174, 0769

Fluids
0830

Flutter
0334, 0419, 0708, 0796, 0810, 0811, 0817, 1019, 1073, 1108, 1112, 1307, 1424, 1621, 1701, 1795, 1826, 1860, 1917, 1921

Forced response
0420, 0421, 0441

Forced vibration
0107, 0138, 0142, 0144, 0151, 0157, 0170, 0182, 0200, 0364, 0433, 0471, 0520, 0542, 0694, 1094, 1105, 1395, 1400, 1423, 1505, 1617, 1659, 1696, 1807, 1822

Forcing phenomena
1612

Forging
1588

Foundations
0326, 0376, 1522

Fourier analysis
0230, 1111, 1454

Fourier series
0204, 0813

Fourier transformation
0524, 1113

Frames
0182, 0495, 0496, 0497, 0610, 0651, 0657, 0936, 1557, 1558, 1594, 1819, 1820

Free vibration
0038, 0040, 0133, 0135, 0136, 0146, 0148, 0150, 0157, 0171, 0172, 0175, 0182, 0183, 0196, 0203, 0208, 0210, 0212, 0216, 0218, 0219, 0222, 0225, 0226, 0227, 0328, 0455, 0471, 0478, 0497, 0503, 0506, 0511, 0513, 0517, 0519, 0520, 0525, 0529, 0538, 0542, 0699, 0702, 0789, 0791, 0813, 0815, 0821, 0823, 0824, 0829, 0833, 0836, 0838, 0839, 0840, 0842, 0845, 0847, 0848, 0933, 0980, 1107, 1161, 1170, 1249, 1253, 1260, 1309, 1419, 1423, 1446, 1447, 1448, 1451, 1454, 1457, 1461, 1467, 1604, 1697, 1822, 1823, 1840, 1841, 1855, 1857

Freight cars
1025

Frequencies
1648

Frequency domain method
0996, 1171, 1215

Frequency response
0081, 0141, 0472, 0864, 1236, 1251, 1257, 1593

Frequency response function
0079, 0180, 0264, 0287, 0312, 0316, 0366, 0557, 0578, 0589, 0619, 0631, 0723, 0753, 0938, 1038, 1084, 1121, 1125, 1144, 1171, 1176, 1178, 1179, 1182, 1185, 1189, 1197, 1205, 1214, 1216, 1223, 1224, 1233, 1237, 1249, 1263, 1265,, 1266, 1325, 1353, 1359, 1409, 1438, 1458, 1476, 1483, 1484, 1486, 1527, 1532, 1537, 1542, 1576, 1579, 1591, 1594, 1694, 1892, 1898, 1928, 1938

Friction
0021, 0084, 0108, 0198, 0320, 0429, 0727, 0768, 0909, 0910, 0951, 1033, 1051, 1074, 1077, 1368, 1369, 1371, 1372, 1460, 1714

Friction damping
1703

Fuzzy logic
0045, 0627, 0698, 0862, 0865, 0889, 0895, 1294, 1377, 1648, 1884

Gages
0292, 1127

Galerkin method
0089, 0114, 0179, 0190, 0504, 0528, 0907, 1210, 1575, 1753, 1845, 1910

Galloping
0795, 0796

Gas bearings
0178, 1465

Gas turbines
0113, 0338, 0340, 0596, 0960, 0961, 1281, 1282, 1283, 1284

Gear teeth
0103, 0733, 0736, 0738, 0739, 1285, 1714

Gearboxes
0009, 0104, 0105, 0267, 0339, 0457, 0458, 0679, 0680, 0681, 0682, 0735, 0951, 0962, 0963, 0964, 1285, 1286, 1622, 1623, 1624, 1625, 1626, 1940

Gears
0056, 0060, 0102, 0103, 0104, 0105, 0340, 0456, 0733, 0734, 0735, 0736, 0737, 0738, 0739, 1060, 1061, 1062, 1080, 1201, 1382, 1513, 1531, 1615, 1616, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1771

General modeling
0325, 0326, 0661, 0662, 0663, 0664, 0665, 0937, 0938, 0939, 0940, 0941, 0942, 0943, 0944, 1256, 1257, 1258, 1259, 1260, 1261, 1600, 1601, 1937, 1938, 1939, 1940, 1941

General structures
0044, 0373, 1012, 1013, 1084, 1309, 1310, 1597, 1656, 1657, 1658, 1659, 1904

Generators
0006, 0007, 0028, 0078, 0340, 0507, 0740, 0965, 0966, 1282, 1305, 1354, 1516, 1627, 1628, 1629, 1737

Green's function
0196, 0383, 0515, 0519, 0524, 0788, 0791, 1418, 1465, 1907

Grids (beams)
0637, 0638

Ground vehicles
1357, 1559

Ground vibration
1308, 1312, 1442

Gun components
1677

Guyan reduction method
0945

Gyroscopes
1235, 1534, 1785

Gyroscopic effects
0126, 1757, 1933

Hamiltonian principle
0135, 0497, 0614, 0807, 0824, 1256, 1389, 1469, 1740, 1848, 1856

Hand and arm response
0408, 0409, 1047, 1549, 1690

Hand tools
0409

Harmonic analysis
1603

Harmonic balance techniques
0205, 0305, 0306, 0307, 0652, 0749, 0841, 1072, 1094, 1203, 1395, 1406, 1422, 1568, 1569, 1802, 1904, 1914

Harmonic excitation
0391, 0483, 1378

Harmonic response
0174, 0468, 0530, 1113, 1922

Harmonic waves
0783, 1600

Heat exchangers
0106, 0428, 0740, 1063, 1470, 1726, 1727

Heat shields
0703

Heat transfer
1923

Helicopters
0059, 0254, 0339, 0385, 0387, 0388, 0389, 0390, 0583, 0680, 0697, 0712, 0713, 0846, 0964, 1021, 1053, 1054, 1286, 1326, 1327, 1328, 1498, 1673, 1882, 1937

Helmets
1048

Helmholtz equation
0185

Helmholtz resonators
1693

Hertzian contact
1858

Hilbert transforms
0183, 0377, 0859, 1135

Holographic techniques
0586, 1118, 1136, 1342

Hooke's joints
1439

Hopkinson bar technique
1541

Housings
1625, 1644, 1776

Human response
0082, 0083, 0396, 0402, 0408, 0409, 0410, 0411, 0412, 0413, 0721, 0905, 0991, 1023, 1026, 1029, 1047, 1048, 1360, 1361, 1607, 1679, 1690, 1691, 1692

Hybrid elements
1081

Hydraulic resonance
1634

Hydraulic systems
0345, 1583, 1655

Hysteretic damping
1383

Impact dampers
0094

Impact force
0206, 1111, 1696

Impact hammer tests
0292, 1142

Impact load prediction
0178, 1117

Impact response
0070, 0161, 0207, 0615, 0665, 0782, 0792, 1086, 1098, 1099, 1273, 1752

Impact tests
0080, 0283, 0701, 0905, 1000, 1096, 1119, 1191, 1192, 1352, 1542, 1558, 1632, 1941

Impellers
0107, 0279, 0686, 0690, 0693, 0977, 0978, 1289, 1634, 1635, 1728, 1760

Impulse response
1658

Induction motors
0007, 0233, 0600, 0673, 0926, 1278

Inelastic response spectra
1799

Influence coefficient method
1768

Instrumentation
0238, 0333, 0347, 0551, 0566, 0567, 0568, 0569, 0570, 0571, 0572, 0598, 0605, 0626, 0759, 0851, 0869, 0870, 0871, 0872, 0873, 0890, 0955, 0968, 1001, 1043, 1076, 1126, 1127, 1128, 1129, 1130, 1131, 1474, 1480, 1481, 1482, 1490, 1494, 1502, 1515, 1868, 1869

Interferometers
0586

Interferometric techniques
0582, 1127, 1482, 1874

Internal combustion engines
0027, 0030, 1146, 1152, 1294, 1295, 1474

Inverse solutions
0932, 1060, 1138

Isolation
0045, 0274

Isolation systems
0050, 0333, 0374, 0375, 0376, 1014, 1049, 1611, 1660

Isolation techniques
0048, 0262, 0283, 0398, 0622, 0626, 0627, 0628, 0903, 0970, 1172, 1521, 1522, 1523, 1524

Isolators
0403, 0407, 1064, 1383

Jet aircraft
1441

Jet engines
0064, 0394, 1018

Joints
0183, 0184, 0209, 0463, 0473, 0498, 0499, 0500, 0501, 0502, 1175, 1243, 1250, 1439, 1440, 1605, 1821

Joints (anatomy)
1691

Journal bearings
0100, 0108, 0109, 0110, 0111, 0112, 0113, 0362, 0429, 0430, 0449, 0643, 0741, 0742, 0743, 0744, 0745, 0746, 1065, 1066, 1067, 1089, 1157, 1384, 1385, 1386, 1398, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1749

Kalman filter technique
0239

Kirchhoff theory
0532, 1877

Kryloff-Bogoliuboff method
1085, 1210

Lagrangian method
1528, 1932

Lanczos method
0327

Laplace transformation
1542

Laser Doppler method
0572, 1356, 1490, 1646, 1873, 1934

Lasers
0249, 0577, 0587

Lateral response
1856

Lathes
1631

Lawn mowers
0331

Layered materials
0809

Least squares method
0184, 0291, 0650, 0929, 0938, 1171, 1220, 1237, 1589, 1672, 1814, 1825, 1917

Life estimation
0120

Life prediction techniques
0639

Life tests
1554

Lindstedt-Poincaré method
1913

Linear theory
1421, 1937

Linearization methods
1104, 1826, 1901

Linkages
0025, 0092, 1049, 1069, 1387, 1927

Love shell theory
0217, 0218

Lumped parameter techniques
1283

Lyapunov's method
1439

Machine foundations
0375, 1172

Machine tools
0010, 0011, 0252, 0333, 0341, 0342, 0343, 0408, 0609, 0683, 0684, 0741, 0761, 0967, 0968, 0969, 0970, 0971, 0972, 1047, 1083, 1287, 1288, 1353, 1630, 1631, 1632, 1797

Machines
0001, 0002, 0003, 0004, 0005, 0006, 0007, 0008, 0009, 0010, 0011, 0012, 0013, 0014, 0015, 0016, 0017, 0018, 0019, 0020,

Machines (continued)
0021, 0022, 0023, 0024, 0025, 0026, 0027, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035, 0105, 0236, 0247, 0277, 0334, 0335, 0336, 0337, 0338, 0339, 0340, 0341, 0342, 0343, 0344, 0345, 0346, 0347, 0348, 0349, 0351, 0352, 0353, 0354, 0355, 0356, 0357, 0358, 0359, 0360, 0361, 0362, 0363, 0364, 0365, 0375, 0553, 0558, 0590, 0668, 0669, 0670, 0671, 0672, 0673, 0674, 0675, 0676, 0677, 0678, 0679, 0680, 0681, 0682, 0683, 0684, 0685, 0686, 0687, 0688, 0689, 0690, 0691, 0692, 0693, 0694, 0695, 0696, 0697, 0698, 0699, 0700, 0860, 0866, 0884, 0888, 0950, 0951, 0952, 0953, 0954, 0955, 0956, 0957, 0958, 0959, 0960, 0961, 0962, 0963, 0964, 0965, 0966, 0967, 0968, 0969, 0970, 0971, 0972, 0973, 0974, 0975, 0976, 0977, 0978, 0979, 0980, 0981, 0982, 0983, 0984, 0985, 0986, 0987, 1141, 1145, 1149, 1153, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1479, 1495, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652

Magnetic bearings
0113, 0278, 0452, 0618, 0742, 1518, 1763, 1892, 1943

Magnetic fields
1766

Magnetic levitated systems
0392, 1349, 1685

Mass coefficients
1768

Mass-spring systems
1694

Materials handling equipment
0335, 0344, 0345, 0346, 0426

Mathematical models
0313, 0314, 0357, 0737, 0818, 0942, 0962, 0981, 1092, 1179, 1198, 1257, 1328, 1405, 1411, 1526, 1627, 1629, 1641, 1673, 1784

Mathieu functions
1931

Matrix methods
1403, 1413, 1612, 1650, 1791, 1875, 1915, 1918

Measurement techniques
0192, 0239, 0240, 0241, 0392, 0481, 0507, 0508, 0536, 0566, 0572, 0573, 0574, 0575, 0576, 0577, 0578, 0579, 0580, 0581, 0582, 0583, 0584, 0585, 0586, 0587, 0588, 0589, 0668, 0874, 0975, 1044, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1360, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1549, 1551, 1560, 1662, 1720, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877

Mechanical components
0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120, 0121, 0122, 0123, 0124, 0125, 0126, 0127, 0128, 0129, 0130, 0131, 0132, 0414, 0415, 0416, 0417, 0418, 0419, 0420, 0421, 0422, 0423, 0424, 0425, 0426, 0427, 0428, 0429, 0430, 0431, 0432, 0433, 0434, 0435, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0445, 0446, 0447, 0448, 0449, 0450, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0722, 0723, 0724, 0725, 0726, 0727, 0728, 0729, 0730, 0731, 0732, 0733, 0734, 0735, 0736, 0737, 0738, 0739, 0740, 0741, 0742, 0743, 0744, 0745, 0746, 0747, 0748, 0749, 0750, 0751, 0752, 0753, 0754, 0755, 0756, 0757, 0758, 0759, 0760, 0761, 0762, 0763, 0764, 0765, 0766, 0767, 0768, 0769, 0770,

Mechanical components (continued)
0771, 0772, 0773, 0774, 0775, 0776, 0777, 0778, 0779, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1910

Mechanical impedance
1934

Mechanical systems
1014, 1581, 1622, 1722

Mechanisms
0114, 0431, 0432, 0433, 0747, 0748, 0781, 1068, 1069, 1388, 1645, 1801

Membranes
0185, 0503, 0504, 0808, 0934, 1107, 1699, 1822, 1823, 1824, 1825, 1851

Metal working
1588

Milling (machinery)
1630

Mills
0761

Mindlin theory
0836, 1116, 1448

Misalignment
0111, 0336, 1719

Missile launching
1706

Missiles
0380

Mobility method
1793, 1838

Modal analysis
0149, 0189, 0202, 0243, 0287, 0290, 0308, 0309, 0313, 0331, 0367, 0578, 0640, 0766, 0902, 0914, 0915, 0916, 0917, 0931, 0967, 0997, 1031, 1199, 1204, 1205, 1206, 1212, 1213, 1217, 1230, 1241, 1266, 1318, 1325, 1436, 1486, 1570, 1571, 1573, 1589, 1614, 1636, 1683, 1684, 1772, 1781, 1792, 1905

Modal damping
1890

Modal models
1532

Modal superposition method
1894

Modal synthesis
0947

Modal tests
0053, 0055, 0058, 0075, 0078, 0079, 0180, 0211, 0284, 0285, 0286, 0287, 0288, 0289, 0290, 0291, 0292, 0323, 0367, 0537, 0568, 0630, 0631, 0701, 0839, 0904, 0917, 0991, 0999, 1003, 1006, 1007, 1084, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1191, 1197, 1212, 1246, 1270, 1273, 1301, 1302, 1323, 1358, 1363, 1366, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1557, 1636, 1891, 1892, 1893

Mode shapes
0038, 0133, 0146, 0154, 0173, 0185, 0210, 0212, 0214, 0219, 0257, 0299, 0300, 0309, 0490, 0494, 0503, 0511, 0513, 0517, 0525, 0540, 0541, 0550, 0657, 0699, 0766, 0777, 0804, 0820, 0824, 0828, 0835, 0838, 0916, 0946, 0992, 0993, 0994, 1055, 1092, 1118, 1159, 1174, 1177, 1186, 1189, 1196, 1205, 1219, 1224, 1235, 1251, 1267, 1309, 1358, 1427, 1436, 1525, 1574, 1610, 1639, 1697, 1840, 1843, 1866

Model testing
1766

Modeling techniques
0031, 0092, 0303, 0317, 0324, 0325, 0326, 0327, 0328, 0360, 0434, 0442, 0463, 0494, 0502, 0541, 0546, 0657, 0658, 0659, 0660, 0661, 0662, 0663, 0664, 0665, 0676, 0794, 0808, 0818, 0933, 0934, 0935, 0936, 0937, 0938, 0939, 0940, 0941, 0942, 0943, 0944, 0945, 0946, 0947, 0988, 1023, 1070, 1097, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1306, 1316, 1319, 1361, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1632, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941

Modulation
1813, 1850

Monitoring techniques
0017, 0121, 0229, 0232, 0235, 0242, 0243, 0244, 0245, 0246, 0247, 0248, 0249, 0250, 0251, 0252, 0253, 0254, 0255, 0256, 0257, 0352, 0357, 0362, 0390, 0554, 0590, 0591, 0592, 0593, 0594, 0595, 0596, 0597, 0598, 0599, 0600, 0601, 0602, 0603, 0604, 0605, 0606, 0607, 0608, 0609, 0669, 0679, 0683, 0695, 0734, 0757,

Monitoring techniques (continued)
0853, 0857, 0864, 0873, 0875, 0876, 0877, 0878, 0879, 0880, 0881, 0882, 0883, 0884, 0885, 0886, 0887, 0888, 0889, 0890, 0891, 0892, 0952, 0955, 0964, 0974, 1001, 1078, 1079, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1246, 1495, 1496, 1497, 1498, 1499, 1746, 1862, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885

Monitoring techniques
0875, 0891, 0892

Monte Carlo method
0118, 0653, 0936, 1553, 1908

Moorings
0377

Motion equations
1698

Motorcycles
1048

Motors
0003, 0026, 0350, 0687, 0865, 0885, 0935

Mounts
1523, 1611

Moving loads
1093, 1415

Mufflers
0434, 1070, 1389, 1390, 1740

Multi-degree-of-freedom systems
0158, 0258, 0264, 0274, 0310, 0381, 0426, 0484, 0641, 0645, 0654, 0962, 0986, 1005, 1041, 1100, 1133, 1168, 1225, 1387, 1401, 1511, 1562, 1572, 1596, 1694, 1725, 1821, 1901, 1919

Multibody systems
1361, 1388, 1932

Multiple scale method
0040, 0404, 0450, 0523, 0549, 0799, 1387, 1745, 1808, 1906

Natural frequencies
0020, 0025, 0038, 0053, 0079, 0084, 0096, 0099, 0136, 0146, 0154, 0155,

Natural frequencies (continued)
0156, 0167, 0170, 0171, 0173, 0181, 0190, 0202, 0208, 0212, 0216, 0217, 0223, 0225, 0257, 0277, 0280, 0286, 0298, 0299, 0300, 0318, 0327, 0346, 0359, 0416, 0418, 0465, 0470, 0486, 0490, 0494, 0497, 0504, 0511, 0512, 0514, 0516, 0517, 0519, 0528, 0531, 0535, 0543, 0550, 0702, 0755, 0777, 0793, 0804, 0809, 0819, 0821, 0828, 0838, 0842, 0908, 0914, 0915, 0938, 0992, 0995, 0998, 1031, 1087, 1091, 1101, 1106, 1115, 1144, 1159, 1177, 1196, 1219, 1230, 1267, 1277, 1292, 1309, 1361, 1420, 1436, 1437, 1447, 1450, 1457, 1476, 1485, 1487, 1570, 1571, 1590, 1604, 1702, 1734, 1754, 1775, 1804, 1816, 1824, 1845, 1854, 1855, 1871, 1897, 1909, 1946

Newmark method
0696, 1919

Noise
0029, 0200, 0336, 0368, 0397, 0434, 0642, 0727, 0963, 1002, 1024, 1026, 1039, 1040, 1062, 1070, 1128, 1138, 1220, 1221, 1364, 1443, 1491, 1578, 1599, 1623, 1689, 1715, 1717, 1720, 1723

Noise generation
0057

Noise prediction
1286

Noise reduction
0001, 0020, 0027, 0052, 0055, 0127, 0187, 0220, 0259, 0268, 0283, 0305, 0386, 0422, 0533, 0681, 0709, 0710, 0735, 0760, 0894, 0950, 0983, 0987, 1021, 1028, 1030, 1033, 1034, 1035, 1036, 1037, 1154, 1158, 1206, 1214, 1233, 1280, 1295, 1311, 1314, 1325, 1327, 1329, 1330, 1333, 1335, 1336, 1337, 1366, 1368, 1375, 1382, 1390, 1441, 1495, 1508, 1512, 1566, 1567, 1721, 1887

Noise transmission
1606

Nondestructive tests
0162, 0683, 0873, 1007, 1190, 1323, 1425

Nonlinear analysis
0167, 0186, 0310, 0311, 0523, 0545, 0641, 0642, 0643, 0644, 0645, 0646, 0812, 0918, 0919, 0920, 0921, 0922, 0923, 1207, 1208, 1209, 1210, 1259, 1421, 1572, 1573, 1574, 1575, 1586, 1597, 1668, 1696, 1820, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914

Nonlinear methods
0716, 1104, 1801, 1907

Nonlinear programming
0748, 1613

Nonlinear response
0151, 0205, 0263, 0319, 0362, 0378, 0403, 0406, 0429, 0441, 0499, 0500, 0549, 0616, 0655, 0752, 0793, 0841, 0921, 0984, 1190, 1406, 1433, 1569, 1742, 1748, 1762, 1792, 1802, 1808, 1848

Nonlinear systems
0044, 0306, 0311, 0332, 0438, 0439, 0440, 0634, 0645, 0649, 0696, 0751, 0771, 0810, 0910, 0919, 0923, 0924, 1054, 1085, 1135, 1207, 1208, 1232, 1463, 1523, 1553, 1572, 1596, 1672, 1741, 1753, 1798, 1894, 1902, 1908

Nonparametric identification technique
1239, 1240

Nonsynchronous vibration
1711

Normal modes
0049, 0090, 0091, 0135, 0200, 0214, 0281, 0303, 0311, 0382, 0383, 0464, 0503, 0512, 0530, 0551, 0611, 0631, 0790, 0804, 0899, 0902, 0922, 1139, 1188, 1228, 1237, 1422, 1428, 1452, 1458, 1460, 1539, 1573, 1574, 1614, 1724, 1741, 1836

Nuclear power plants
0244, 0380, 0978, 1010, 1148, 1628

Nuclear reactors
0978

Numerical methods
0449, 0616, 0922, 1019, 1042, 1073, 1114, 1438, 1551, 1615, 1652, 1670, 1671, 1701, 1761, 1764, 1817, 1873, 1903, 1922, 1924, 1932

Numerical simulation
0463, 0734, 1328, 1333

Off-road vehicles
0060, 0061, 0062, 0391

Offshore structures
0046, 0047, 0377, 0378, 0379, 1661

Oil analysis
0552, 1721, 1880

Oil film
1627, 1737, 1738

Optical methods
1136, 1646

Optimization techniques
0460, 0931, 1019, 1050, 1756, 1944, 1945

Optimum design
0065, 0329, 0666, 0667, 0712, 0748, 0933, 1120, 1268, 1269, 1373, 1523, 1613, 1842

Orbits
0648

Orthotropism
1112, 1831

Oscillation
0002, 0023, 0074, 0161, 0191, 0297, 0401, 0440, 0510, 0526, 0715, 0718, 0729, 0773, 0800, 0919, 1156, 1209, 1259, 1319, 1322, 1343, 1372, 1379, 1405, 1408, 1432, 1572, 1762, 1784, 1808, 1812, 1813, 1828, 1914, 1942

Oscillators
0115, 0116, 0117, 0118, 0332, 0435, 0436, 0437, 0438, 0439, 0544, 0749, 0750, 0751, 0752, 0753, 0754, 0756, 1071, 1072, 1208, 1391, 1392, 1393, 1394, 1395, 1396, 1409, 1491, 1522, 1568, 1573, 1577, 1741, 1742, 1743, 1744

Overhead cranes
1234

Panels
0186, 0192, 0275, 0505, 0506, 0809, 0810, 0811, 0812, 0813, 0814, 0815, 0899, 0930, 1036, 1108, 1173, 1342, 1414, 1441, 1826

Paper machines
0765, 0879, 0988, 1480, 1514, 1869

Paper products
0012, 0014, 0444

Parameter identification techniques
0312, 0313, 0314, 0315, 0316, 0317, 0318, 0377, 0647, 0648, 0649, 0850, 0924, 0925, 0926, 0928, 1175, 1194, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1383, 1576, 1577, 1578, 1579, 1580, 1652, 1915, 1916, 1917, 1929

Parametric excitation
0404, 1110, 1581, 1918, 1919

Parametric vibration
1367

Pattern recognition techniques
0556

Pendulums
0117, 0440, 0441, 0648, 0722, 0755, 0756, 1745

Periodic excitation
0116, 1110, 1608

Periodic response
0033, 0086, 0220, 0306, 0625, 0652, 1575, 1788, 1907, 1919

Periodic structures
1519

Perturbation methods
0119, 0137, 0281, 0282, 0418, 0634, 0654, 1069, 1071, 1433, 1453, 1568, 1785, 1913, 1918

Perturbation theory
1670, 1915

Piezoelectric actuators
1860

Piezoelectric transducers
1826

Piezoelectricity
1109

Volume 28 Number:	1	2	3	4	5	6
Abstract No:	0001-0333	0334-0668	0669-0949	0950-1273	1274-1614	1615-1946

Pile driving
0046

Pile structures
1829

Pilings
1827

Pipelines
0340, 0704, 1662

Pipes
0187, 0188, 0189, 0347, 0507, 0508, 0509, 0510, 0547, 0575, 0816, 0817, 0818, 1109, 1110, 1431, 1442, 1443, 1502, 1828, 1829, 1869, 1936

Plane waves
1793

Plant production
1619

Plants
0005, 0015, 0016, 0046, 0048, 0189, 0232, 0242, 0247, 0249, 0251, 0252, 0255, 0256, 0335, 0380, 0501, 0590, 0591, 0592, 0594, 0595, 0598, 0599, 0600, 0602, 0606, 0607, 0608, 0669, 0675, 0686, 0688, 0705, 0868, 0875, 0878, 0884, 0887, 0888, 0943, 0952, 0955, 0965, 0966, 1011, 1015, 1141, 1145, 1149, 1151, 1153, 1311, 1496, 1515, 1651, 1663, 1819

Plastic deformations
1852

Plastic properties
1851

Plates
0072, 0073, 0084, 0087, 0088, 0089, 0102, 0184, 0190, 0191, 0192, 0193, 0194, 0195, 0196, 0197, 0198, 0199, 0200, 0201, 0202, 0203, 0204, 0205, 0206, 0207, 0208, 0215, 0234, 0310, 0405, 0423, 0428, 0474, 0478, 0505, 0511, 0512, 0513, 0514, 0515, 0516, 0517, 0518, 0519, 0520, 0521, 0522, 0523, 0524, 0525, 0526, 0527, 0528, 0529, 0530, 0531, 0532, 0533, 0534, 0535, 0561, 0576, 0579, 0580, 0584, 0589, 0633, 0709, 0710, 0788, 0801, 0819, 0820, 0821, 0822, 0823, 0824, 0825, 0826,

Plates (continued)
0827, 0828, 0829, 0830, 0831, 0832, 0833, 0834, 0835, 0836, 0874, 0898, 0899, 0939, 1020, 1042, 1093, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1120, 1162, 1204, 1227, 1250, 1253, 1303, 1318, 1324, 1435, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1462, 1507, 1538, 1825, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1868, 1886

Pneumatic devices
1811

Poincaré mapping technique
1657

Point mapping method
1902

Power plants
0240, 0246, 0365, 0892, 1282, 1305, 1504

Power series method
1744

Power spectral density
0435, 1556, 1863

Power transmission systems
0962

Predictive maintenance
0005, 0229, 0230, 0231, 0232, 0233, 0234, 0235, 0236, 0237, 0238, 0239, 0240, 0241, 0242, 0243, 0244, 0245, 0246, 0247, 0248, 0249, 0250, 0251, 0252, 0253, 0254, 0255, 0256, 0257, 0350, 0552, 0553, 0554, 0555, 0556, 0557, 0558, 0559, 0560, 0561, 0562, 0563, 0564, 0565, 0566, 0567, 0568, 0569, 0570, 0571, 0572, 0573, 0574, 0575, 0576, 0577, 0578, 0579, 0580, 0581, 0582, 0583, 0584, 0585, 0586, 0587, 0588, 0589, 0590, 0591, 0592, 0593, 0594, 0595, 0596, 0597, 0598, 0599, 0600, 0601, 0602, 0603, 0604, 0605, 0606, 0607, 0608, 0609, 0678, 0705, 0851, 0852, 0853, 0854, 0855, 0856, 0857, 0858, 0859, 0860, 0861, 0862, 0863, 0864, 0865, 0866, 0867,

Predictive maintenance (continued)
0868, 0869, 0870, 0871, 0872, 0873, 0874, 0875, 0876, 0877, 0878, 0879, 0880, 0881, 0882, 0883, 0884, 0885, 0886, 0887, 0888, 0889, 0890, 0891, 0892, 0965, 0971, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1275, 1276, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1861, 1862, 1863, 1864, 1865, 1866, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885

Presses
0012, 0013, 0014, 0890

Preventive maintenance
0444, 0590, 0883, 0891, 1142, 1475, 1497

Proactive maintenance
1497

Probabilistic methods
1700

Probability theory
0644

Propeller blades
0846

Propellers
0119, 0386, 0457, 0458, 1073

Pulleys
0724

Pulse excitation
1555

Pumps
0015, 0016, 0017, 0076, 0129, 0131, 0189, 0238, 0244, 0279, 0347, 0348, 0349, 0350, 0351, 0352, 0353, 0354, 0355, 0356, 0357, 0552, 0677, 0685, 0686, 0687, 0688, 0689, 0690, 0691, 0692, 0693, 0704, 0887, 0888, 0953,

Pumps (continued)
0973, 0974, 0975, 0976, 0977, 0978, 1166, 1289, 1290, 1291, 1292, 1633, 1634, 1635, 1787

Pyrotechnic shock environment
1601, 1895

Radial vibrations
0354, 0547, 1455

Radiation impedance
0524

Rail vehicles
0063, 0097, 0384, 0392, 0393, 0714, 1016, 1017, 1022, 1023, 1024, 1025, 1026, 1027, 1156, 1665, 1674

Rail-vehicle interaction
0063

Railroads
1002

Random decrement technique
0989

Random excitation
0118, 0325, 0827, 0918, 0936, 1682, 1767

Random methods
1110, 1654

Random response
1794

Random vibrations
0044, 0293, 0384, 0398, 0437, 0641, 0644, 0920, 1394, 1545, 1546, 1609, 1901, 1936

Ray mode analysis
0574

Rayleigh-Ritz method
0142, 0150, 0194, 0203, 0206, 0225, 0521, 0535, 0819, 0821, 0828, 0835, 1115, 1447, 1823, 1832, 1843, 1854

Reciprocating engines
1271, 1784

Reciprocating machinery
0018, 0019, 0020, 0358, 0596, 0758, 0979, 1245, 1293, 1294, 1295

Recording instruments
1472

Rectangular plates
1532

Reduction methods
0302, 0617

Reliability analysis
0369, 0563, 0650, 0878, 1321, 1397, 1478, 1497, 1499, 1582, 1881, 1885

Residual mode method
0947

Resonance
0014, 0040, 0054, 0163, 0168, 0201, 0209, 0264, 0277, 0280, 0298, 0310, 0318, 0334, 0376, 0396, 0427, 0435, 0436, 0438, 0450, 0480, 0484, 0489, 0518, 0523, 0544, 0549, 0555, 0624, 0642, 0688, 0694, 0715, 0718, 0726, 0729, 0730, 0747, 0751, 0752, 0754, 0764, 0768, 0770, 0773, 0796, 0799, 0830, 0834, 0866, 0882, 0923, 0929, 0931, 0979, 0982, 0985, 1051, 1068, 1134, 1174, 1180, 1277, 1290, 1387, 1392, 1401, 1422, 1423, 1440, 1471, 1501, 1505, 1506, 1522, 1535, 1550, 1552, 1574, 1598, 1604, 1688, 1741, 1745, 1758, 1762, 1780, 1802, 1828, 1839, 1897, 1906, 1909

Resonance tests
1761

Resonant frequencies
1612, 1653

Resonators
0415, 0416, 1362

Rigid rotors
1888, 1926

Rings
0539, 0546, 0674, 1055, 1119, 1120, 1846, 1847

Ritz method
0188, 0218, 0219, 0845, 1444

Rivets
0970

Road vehicles
0064, 0065, 0066, 0067, 0068, 0069, 0394, 0395, 0396, 0397, 0398, 0399, 0400, 0401, 0402, 0403, 0413, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1312, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1675, 1676

Roads
0042, 0083, 0398, 1034, 1041, 1312

Robots
0021, 0022, 0023, 0024, 0025, 0335, 0359, 0360, 0951, 0980, 0981, 0982, 1296, 1374, 1636

Rocket engines
0575

Rockets
0070, 1042, 1677

Rocking
1608, 1609, 1657

Rods
0132, 0209, 0210, 0536, 0624, 0666, 0783, 0797, 0837, 1099, 1258, 1388, 1459, 1460, 1464, 1806, 1848, 1935

Rolling element bearings
0001, 0009, 0026, 0076, 0120, 0121, 0122, 0123, 0442, 0443, 0444, 0445, 0446, 0447, 0448, 0682, 0757, 0758, 0759, 0760, 0761, 0762, 0763, 0764, 0859, 0862, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1124, 1142, 1201, 1300, 1397, 1746, 1747, 1863

Rolling motion
0071

Rolls
0765

Root mean squares
1859

Rotating machinery
0026, 0027, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0097, 0121, 0221, 0242, 0253, 0302, 0348, 0361, 0362, 0363, 0364, 0380, 0424, 0459, 0569, 0592, 0599, 0602, 0619, 0689, 0694, 0695, 0696, 0697, 0698, 0699, 0722, 0764, 0911, 0983, 0984, 0985, 0986, 0987, 0988, 1011, 1058, 1121, 1150, 1168, 1275, 1276, 1291, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1369, 1438, 1483, 1516, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1759, 1770, 1782, 1861, 1884, 1925

Rotating speeds
1629

Rotating structures
1891

Rotation
0778, 1716, 1781, 1816

Rotational degrees of freedom
1528

Rotational speed effects
1751, 1817

Rotatory inertia effects
1407

Rotor response
1616

Rotor-stator interaction
1755, 1757

Rotors
0033, 0059, 0101, 0109, 0110, 0111, 0123, 0124, 0125, 0126, 0127, 0128, 0129, 0261, 0278, 0348, 0387, 0388, 0390, 0449, 0450, 0451, 0452, 0453, 0557, 0618, 0619, 0643, 0652, 0676, 0680, 0691, 0700, 0725, 0742, 0766, 0767, 0768, 0769, 0770, 0771, 0772, 0773, 0775, 0776, 0805, 0949, 0961, 1053, 1054, 1084, 1085, 1086, 1087, 1088, 1089, 1147, 1157, 1167, 1168, 1169, 1238, 1278, 1298, 1302, 1365, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1487, 1517, 1518, 1624, 1634, 1730, 1731, 1733, 1734, 1735, 1739, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1893, 1900, 1903, 1933

Rubs
1644, 1751, 1761, 1765, 1861

Runge-Kutta method
0133, 0141, 0190, 0215, 0944, 1398, 1629, 1668, 1748, 1855

Runways
0054

Sandwich structures
0532, 1342

Satellites
0075, 0718, 0846, 1345, 1552, 1601

Saws
1699

Seals
0074, 0130, 0453, 0774, 0775, 0776, 0977, 1644, 1776, 1777, 1778

Seats
0069, 0410, 0905, 1692

Self-excited vibrations
0023, 0134, 0320, 1108, 1379

Sensitivity analysis
0151, 0288, 0319, 0370, 0651, 0667, 0712, 0770, 0929, 0930, 0931, 1233, 1250, 1380, 1404, 1570, 1583, 1584, 1719, 1911, 1920, 1921, 1922, 1923, 1924, 1925, 1945

Sensors
0077, 0080, 0095, 0153, 0241, 0259, 0260, 0265, 0269, 0361, 0369, 0386, 0470, 0536, 0555, 0562, 0571, 0593, 0601, 0603, 0612, 0613, 0661, 0706, 0707, 0733, 0855, 0861, 0869, 0871, 0872, 0876, 0880, 0889, 0890, 0898, 1043, 1109, 1129, 1134, 1140, 1155, 1162, 1236, 1248, 1336, 1338, 1501, 1510, 1638, 1681, 1691, 1869, 1870, 1872

Servomechanisms
1689, 1811

Shafts
0102, 0126, 0127, 0128, 0131, 0246, 0279, 0433, 0450, 0454, 0455, 0456, 0457, 0458, 0477, 0502, 0557, 0585, 0691, 0692, 0730, 0745, 0770, 0772, 0777, 0778, 0805, 0900, 0940, 1090, 1167, 1318, 1392, 1399, 1513, 1515, 1626, 1642, 1713, 1724, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1817

Shakers
0058, 0079, 0095, 0295, 0297, 0904, 0995, 0999, 1178, 1185, 1188, 1350, 1354, 1355, 1543, 1556, 1689

Shear modulus
0197

Shells
0070, 0073, 0171, 0211, 0212, 0213, 0214, 0215, 0216, 0217, 0218, 0219, 0220, 0221, 0222, 0223, 0224, 0225, 0226, 0227,

Shells (continued)
0537, 0538, 0539, 0540, 0541, 0542, 0543, 0544, 0545, 0546, 0547, 0548, 0584, 0674, 0809, 0812, 0815, 0820, 0838, 0839, 0840, 0841, 0842, 0843, 0844, 0845, 0846, 0847, 0901, 0939, 1389, 1390, 1461, 1462, 1463, 1842, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1939

Ships
0071, 0072, 0073, 0074, 0404, 0405, 0429, 0458, 0507, 0715, 0716, 1339, 1340, 1449, 1678, 1679, 1680

Shock absorbers
0262

Shock absorption
1896

Shock environments
1351, 1541

Shock isolation
1679, 1789

Shock pulse method
0882

Shock response
0061, 0451, 1310, 1677

Shock response spectra
0296, 1544

Shock tests
0905, 1191, 1192, 1193, 1355, 1540, 1541, 1542, 1543, 1544, 1545, 1556, 1894, 1895, 1896

Shock wave propagation
0797

Shrouds
1055

Signal analysis
0350

Signal processing techniques
0857, 0877, 1043, 1080, 1126, 1139, 1163, 1473, 1483

Signature analysis
0029, 0104, 0229, 0713, 0854, 0860, 0881, 0983, 1005, 1124, 1563, 1787

Simulation
0034, 0041, 0184, 0294, 0304, 0323, 0332, 0342, 0345, 0356, 0399, 0411, 0470, 0641, 0666, 0714, 0906, 0920, 0975, 1061, 1195, 1337, 1348, 1350,

Simulation (continued)
1434, 1441, 1443, 1445, 1500, 1583, 1663, 1695, 1703, 1725, 1772, 1807, 1811, 1882, 1899

Sine-dwell technique
1352, 1539, 1593, 1594

Sine-wave excitation
1659

Single-degree-of-freedom systems
0381, 0399, 0404, 0431, 0625, 0644, 0662, 0753, 0754, 0841, 1226, 1231, 1256, 1260, 1400, 1511, 1553, 1918

Singular value decomposition
1525, 1875

Slabs
1656

Sleeve bearings
1066

Sliding friction
0492

Sloshing
0703

Soils
1172

Solar arrays
1348

Sound analyzers
1674

Sound transmission
1042

Sound waves
0740, 1274

Space shuttles
1347, 1348, 1585, 1683, 1684

Space structures
0049, 0050, 0051, 0321, 0374, 0381, 0382, 0383, 0706, 0707, 0798, 0903, 0915, 1313, 1314, 1664

Space-frequency equivalence
0577

Spacecraft
0075, 0076, 0077, 0321, 0626, 0717, 0718, 0773, 0946, 1313, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1561, 1582, 1681, 1682, 1683, 1684

Spectra
1612

Spectrum analysis
0122, 0180, 0237, 0253, 0361, 0974, 1082, 1122, 1137, 1218, 1247, 1283, 1376, 1489, 1746

Spectrum analyzers
1126

Spike energy method
0352

Spindles
0011, 0363, 0971, 1083, 1297, 1300, 1676

Splines
1764

Springs
0056, 0124, 0132, 0144, 0166, 0939, 0950, 1058, 1094, 1470, 1804, 1946

Spur gears
0737

Squeal
1369

Squeeze-film dampers
0098, 0100, 0101, 0261, 0427, 0428, 0649, 0732, 0767, 1711, 1712

Stability
0071, 0109, 0114, 0130, 0177, 0208, 0245, 0487, 0489, 0687, 0789, 0817, 0832, 0834, 0844, 0879, 0988, 1210, 1298, 1299, 1372, 1397, 1466, 1504, 1608, 1637, 1673, 1685, 1712, 1729, 1730, 1732, 1734, 1735, 1739, 1750, 1818, 1837, 1889, 1940, 1943

Stability analysis
0039, 0188, 0320, 0341, 0385, 0454, 0652, 0653, 0654, 0749, 1065, 1068, 1157, 1234, 1235, 1440, 1568, 1766, 1926, 1927

Stalling
1701

Static analysis
1777

Statistical analysis
1225, 1472

Statistical energy analysis
0466, 0479, 0558, 0574, 0581, 0808, 0822, 0825, 0856, 1335, 1450, 1456

Stators
0004, 1278, 1751

Steam turbines
0240, 1633, 1642, 1651, 1700, 1712

Steel
0198, 0943, 1820

Stick-slip response
0909

Stiffeners
0674, 1834

Stiffening
1760, 1797

Stiffness coefficients
1776

Stiffness effects
0499, 1693, 1736, 1916

Stiffness matrices
0195, 0284, 0309, 1920

Stochastic processes
0044, 0642, 0665

Strain gages
0037, 0621, 0708, 0960, 1192, 1417, 1550, 1727

Strain rate
1895

Stress elements
1678, 1699, 1718, 1764

Strings
0489, 0549, 0843, 0848, 0849, 1464, 1465, 1466, 1467, 1468, 1806, 1858

Strouhal number
0801, 0802

Structural components
0133, 0134, 0135, 0136, 0137, 0138, 0139, 0140, 0141, 0142, 0143, 0144, 0145, 0146, 0147, 0148, 0149, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0163, 0164, 0165, 0166, 0167, 0168, 0169, 0170, 0171, 0172, 0173, 0174, 0175, 0176, 0177, 0178, 0179, 0180, 0181, 0182, 0183, 0184, 0185, 0186, 0187, 0188, 0189, 0190, 0191, 0192, 0193, 0194, 0195, 0196, 0197, 0198, 0199, 0200, 0201, 0202, 0203, 0204, 0205, 0206, 0207, 0208, 0209, 0210, 0211, 0212, 0213, 0214, 0215, 0216, 0217, 0218, 0219, 0220, 0221, 0222, 0223, 0224, 0225, 0226, 0227, 0228, 0460, 0461, 0462, 0463,

Structural components (continued)
0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498, 0499, 0500, 0501, 0502, 0503, 0504, 0505, 0506, 0507, 0508, 0509, 0510, 0511, 0512, 0513, 0514, 0515, 0516, 0517, 0518, 0519, 0520, 0521, 0522, 0523, 0524, 0525, 0526, 0527, 0528, 0529, 0530, 0531, 0532, 0533, 0534, 0535, 0536, 0537, 0538, 0539, 0540, 0541, 0542, 0543, 0544, 0545, 0546, 0547, 0548, 0549, 0550, 0551, 0780, 0781, 0782, 0783, 0784, 0785, 0786, 0787, 0788, 0789, 0790, 0791, 0792, 0793, 0794, 0795, 0796, 0797, 0798, 0799, 0800, 0801, 0802, 0803, 0804, 0805, 0806, 0807, 0808, 0809, 0810, 0811, 0812, 0813, 0814, 0815, 0816, 0817, 0818, 0819, 0820, 0821, 0822, 0823, 0824, 0825, 0826, 0827, 0828, 0829, 0830, 0831, 0832, 0833, 0834, 0835, 0836, 0837, 0838, 0839, 0840, 0841, 0842, 0843, 0844, 0845, 0846, 0847, 0848, 0849, 0850, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1284, 1406, 1407, 1408, 1409, 1410, 1411, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1503, 1613, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798,

Structural components (continued)
1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860

Structural damping
1864

Structural design
1261, 1824

Structural response
1655, 1661, 1922

Structure-borne noise
1623, 1793, 1796, 1829, 1831

Structures
0036, 0037, 0038, 0039, 0040, 0041, 0042, 0043, 0044, 0045, 0046, 0047, 0048, 0049, 0050, 0051, 0366, 0367, 0368, 0369, 0370, 0371, 0372, 0373, 0374, 0375, 0376, 0377, 0378, 0379, 0380, 0381, 0382, 0383, 0384, 0701, 0702, 0703, 0704, 0705, 0706, 0707, 0988, 0989, 0990, 0991, 0992, 0993, 0994, 0995, 0996, 0997, 0998, 0999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1091, 1183, 1222, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1412, 1587, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667

Submarines
0716, 1706

Substructuring techniques
0327, 0328, 0945, 0946, 0947, 1262, 1263, 1264, 1265, 1266, 1267, 1449, 1602, 1603, 1604, 1605

Subsynchronous vibration
1617, 1624, 1765

Subway railways
1667

Surges
1642

Suspension systems (vehicles)
1029, 1349

Swept sine wave excitation
0295

Symmetric structures
1301, 1659

System identification techniques
0321, 0322, 0323, 0654, 0655, 0997, 1236, 1237, 1238, 1239, 1240, 1241, 1533, 1578, 1585, 1866, 1928, 1929, 1930

Tanks (combat vehicles)
0061

Taylor series
1104

Temperature effects
0829, 0961, 1321, 1462

Test equipment
0570, 1531, 1879, 1883

Test models
0055

Testing facilities
0451

Testing instrumentation
0080, 0081, 0407, 0720, 1043, 1044, 1045, 1046, 1191, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359

Testing systems
0078, 0079, 0080, 0081, 0407, 0719, 0720, 1043, 1044, 1045, 1046, 1202, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1686, 1687, 1688, 1689

Testing techniques
1643, 1680

Textile looms
0585

Theoretical methods
1664, 1670, 1834

Three-dimensional problems
0800

Thrust bearings
0459, 0779

Tiles
1347

Tilt pad bearings
0112, 1065, 1617, 1729

Time domain method
1143, 1204, 1770

Time integration method
0944

Time series analysis method
0315, 1536, 1917

Timoshenko theory
0145, 1791

Tires
0368, 0391, 1676

Torque
0024, 0722, 0778, 1087, 1579, 1663, 1722, 1890

Torsion bars
1283

Torsional excitation
1707

Torsional vibrations
0304, 0364, 0433, 0777, 0926, 1293, 1426, 1487, 1531, 1640, 1641, 1646, 1647, 1651, 1759, 1663, 1780, 1781, 1783

Towers
1432

Tracked vehicles
0406, 1349, 1357, 1548, 1685

Tracks
0384, 1016, 1017, 1022, 1315, 1665

Tractors
0391, 0410, 0412

Traffic-induced vibrations
1667

Transducers
0037, 0286, 0312, 0350, 0472, 0481, 0508, 0568, 0580, 0587, 0604, 0720, 0874, 0904, 1097, 1156, 1276, 1359, 1482, 1551, 1727, 1836, 1868, 1871, 1876, 1946

Transfer functions
0018, 0546, 1020, 1359, 1767

Transfer matrix methods
0137, 0382, 0383, 0656, 0932, 1090, 1147, 1428, 1433, 1702

Volume 28 Number:	1	2	3	4	5	6
Abstract No:	0001-0333	0334-0668	0669-0949	0950-1273	1274-1614	1615-1946

Transformation techniques
1909

Transforms
1691, 1810

Transient excitation
1293

Transient methods
0100, 1678, 1931

Transient response
0018, 0170, 0179, 0271, 0567, 0667, 0696, 0742, 0807, 0818, 0850, 0897, 0928, 0937, 0944, 0973, 1086, 1310, 1708, 1733, 1757, 1799, 1849, 1931

Transient sound
0937

Transient vibrations
0263, 1443, 1546, 1600, 1782, 1785

Transmission lines
0425, 0555, 0795

Transverse shear deformation effects
0160, 0186, 0226, 0518, 0527, 0811, 0814, 1444, 1835, 1935

Trucks
0036, 0069, 0371, 0395, 0400, 1217

Trusses
0051, 0143, 0228, 0243, 0460, 0550, 0651, 0706, 0717, 0850, 1469, 1485, 1859

Tube arrays
1471, 1726

Tubes
0106, 0414, 0551, 0702, 0817, 1470, 1471, 1860

Tuning techniques
0415, 0493, 0629, 0731, 1105, 1942

Tunnels
1024

Turbine blades
1474, 1703, 1705, 1900

Turbines
0035, 0289, 0365, 0394, 0688, 0700, 0725, 0776, 0779, 0966, 0986, 1051, 1067, 1089, 1305, 1397, 1635, 1650, 1651, 1652, 1722

Turbogenerators
0246, 0563, 0864, 1167, 1624, 1686, 1862

Turbomachinery
0098, 0099, 0107, 0250, 0263, 0420, 0643, 0669, 0695, 0726, 0746, 0805, 0806, 0949, 0984, 1065, 1203, 1245, 1365, 1704

Underground structures
1666, 1667

Underwater structures
0213

Valves
0112, 0187, 0344, 0347, 0510, 0670, 0792, 1060, 1271

Van der Pol method
1071

Variational methods
1116

Vehicle suspension systems (vehicles)
0272

Vehicle-structure interaction
1654

Vehicles
0036, 0041, 0042, 0052, 0053, 0054, 0055, 0056, 0057, 0058, 0059, 0060, 0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0368, 0385, 0386, 0387, 0388, 0389, 0390, 0391, 0392, 0393, 0394, 0395, 0396, 0397, 0398, 0399, 0400, 0401, 0402, 0403, 0404, 0405, 0406, 0573, 0630, 0708, 0709, 0710, 0711, 0712, 0713, 0714, 0715, 0716, 0717, 0718, 1000, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1056, 1133, 1160, 1206, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1538, 1545, 1668, 1669, 1670, 1671, 1672,

Vehicles (continued)
1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1692

Velocity
1754

Velocity control
1370, 1812

Velocity measurement
1773

Vertical vibration
1706, 1713

Vibration analysis
0008, 0011, 0012, 0048, 0087, 0157, 0194, 0195, 0222, 0223, 0227, 0233, 0236, 0237, 0241, 0248, 0250, 0254, 0315, 0387, 0403, 0421, 0448, 0456, 0490, 0502, 0516, 0540, 0552, 0583, 0586, 0591, 0597, 0604, 0611, 0620, 0662, 0672, 0673, 0679, 0699, 0705, 0734, 0757, 0761, 0762, 0763, 0787, 0791, 0820, 0822, 0833, 0837, 0845, 0871, 0875, 0933, 0953, 0956, 0958, 0960, 0966, 0970, 0980, 0990, 0991, 0993, 1074, 1077, 1090, 1116, 1123, 1131, 1135, 1193, 1275, 1281, 1285, 1301, 1303, 1388, 1417, 1437, 1448, 1462, 1478, 1603, 1606, 1618, 1674, 1697, 1704, 1779, 1825, 1842, 1854, 1880, 1885, 1936

Vibration characteristics
0155, 0203, 0222, 0285, 0373, 0431, 0446, 0471, 0513, 0525, 0535, 0540, 0806, 0813, 0823, 0957, 0961, 0998, 1000, 1040, 1081, 1132, 1152, 1195, 1287, 1315, 1363, 1386, 1452, 1645, 1702, 1705, 1759

Vibration control
0003, 0009, 0025, 0028, 0051, 0057, 0059, 0069, 0077, 0085, 0094, 0095, 0096, 0097, 0101, 0116, 0149, 0267, 0268, 0275, 0300, 0305, 0318, 0333, 0341, 0345, 0346, 0353, 0371, 0372, 0381, 0387, 0389, 0397, 0416, 0423, 0443, 0459, 0467, 0474, 0482, 0484, 0492, 0496, 0510, 0530, 0533, 0534, 0610, 0612, 0623, 0628,

Vibration control (continued)
0635, 0636, 0637, 0638, 0661, 0671, 0677, 0681, 0682, 0691, 0704, 0717, 0723, 0729, 0731, 0732, 0832, 0849, 0866, 0894, 0895, 0900, 0912, 0949, 0972, 0981, 0982, 0987, 1022, 1030, 1035, 1036, 1041, 1049, 1057, 1064, 1115, 1120, 1158, 1160, 1161, 1163, 1206, 1233, 1235, 1267, 1279, 1296, 1297, 1311, 1313, 1326, 1327, 1328, 1330, 1332, 1335, 1339, 1340, 1341, 1354, 1368, 1371, 1374, 1375, 1376, 1382, 1390, 1402, 1488, 1495, 1508, 1512, 1566, 1567, 1581, 1602, 1607, 1628, 1690, 1709, 1736, 1739, 1756, 1829, 1864, 1886, 1887

Vibration effects
1026, 1451

Vibration environments
0295, 0296, 1317, 1546, 1559, 1669

Vibration excitation
1717

Vibration frequencies
0532, 0541

Vibration isolation
1014, 1675

Vibration measurement
0057, 0121, 0235, 0339, 0408, 0485, 0526, 0567, 0571, 0701, 0913, 0959, 0976, 1013, 1046, 1101, 1228, 1427, 1635, 1640, 1683, 1684, 1827, 1870, 1877

Vibration meters
0534, 0566, 0569, 0577, 0640, 0720, 0870, 0874, 1028, 1045, 1046, 1128, 1352, 1356, 1358, 1494, 1560, 1779, 1790

Vibration monitoring
1480, 1662, 1687, 1827, 1880, 1885

Vibration prediction
1027

Vibration response
0020, 0052, 0199, 0395, 0473, 0537, 0755, 0787, 0814, 0963, 1056, 1182, 1316, 1346, 1452, 1715, 1831, 1857

Vibration response spectra
1669

Vibration stress relief
1321

Vibration tests
0064, 0075, 0257, 0293, 0294, 0295, 0296, 0297, 0303, 0323, 0583, 0595, 0632, 0633, 0679, 0708, 0739, 0906, 0915, 0972, 0995, 1004, 1102, 1194, 1195, 1196, 1197, 1198, 1199, 1216, 1221, 1225, 1229, 1232, 1255, 1334, 1498, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1859, 1897, 1898, 1899

Vibration transfer
0138, 0856, 1017, 1025, 1268, 1269, 1449, 1876

Vibratory tools
0684

Vibro-impact systems
0918

Viscoelastic materials
0093

Viscoelasticity
1890

Vortex shedding
0801, 0802, 1391

Vortex-induced vibration
0169, 0799, 1688, 1814

Walls
1666

Warping
0160

Washing machines
0002, 0008

Wave absorption
1506

Wave equation
1852

Wave forces
0589, 1661

Wave numbers
0172, 0466, 1456, 1847

Wave propagation
0072, 0147, 0162, 0185, 0204, 0301, 0468, 0496, 0508, 0548, 0782, 0825, 1107, 1274, 1411, 1471, 1502, 1524, 1665, 1728, 1787, 1800, 1806, 1874

Wave radiation
1847

Wave transmission
1519

Waveguides
0469

Weapons
1899

Webs (supports)
0418

Wheels
1716

Whirling
0361, 0454, 0745, 0768, 0769, 0848, 1738, 1775, 1783

Whole body response
0056, 0082, 0083, 0410, 0411, 0412, 0413, 0721, 1048, 1360, 1361, 1691, 1692

Wind tunnel testing
0802

Wind turbines
1222, 1380, 1410, 1650

Wind-induced excitation
0632

Workpieces
1631

Volume 28 Number:	1	2	3	4	5	6
Abstract No:	0001-0333	0334-0668	0669-0949	0950-1273	1274-1614	1615-1946